JVC

SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-52G456, HD-55G456, HD-55G466, HD-61Z456

BASIC CHASSIS
RP3

Supplementary

Please be informed that there are errors in the following service manuals.
HD-52G456, HD-55G456, HD-55G466, HD-61Z456 (No.YA336 2005/10)(No.YA336B 2005/11)

CORRECTION ITEM

EXPLODED VIEW PARTS LIST -6 (Page 3-14)

⚠	Ref. No.	PART No.		PART NAME	DESCRIPTION
		INCORRECT	CORRECT		
	144	LC12229-001A	**LC12230-001A**	PJ LENS	

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No.YA336D
2006/4

SECTION 1
PRECAUTION

Please refer to "HD-52G456, HD-55G456, HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

Please refer to "HD-52G456, HD-55G456, HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 3
DISASSEMBLY

Please refer to "HD-52G456, HD-55G456, HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 4
ADJUSTMENT

Please refer to "HD-52G456, HD-55G456, HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 5
TROUBLESHOOTING

Please refer to "HD-52G456, HD-55G456, HD-55G466 and HD-61Z456 (No.YA336)" about this section.

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(No.YA336D)

Printed in Japan
VPT

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SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-52G456, HD-55G456, HD-55G466, HD-61Z456

BASIC CHASSIS
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Supplementary

Please be informed that there are errors in the following service manuals.
HD-52G456, HD-55G456, HD-55G466, HD-61Z456 (No.YA336 2005/10)(No.YA336B 2005/11)

CORRECTION ITEM

1. SEREVICE MANUAL

1.4.1 PART NUMBER AND CONSTRUCTION (Page 1-6)

Kit parts number		Kit part name
INCORRECT	CORRECT	
TS-C0P8A-SAA	**TS-COP7B-SAA**	OPTICAL/DRIVE ASSY

2. PARTS LIST

EXPLODED VIEW PARTS LIST -6 (Page 3-14)

⚠	Ref. No.	Part No.		PART NAME	DESCRIPTION
		INCORRECT	CORRECT		
⚠	121	TS-C0P8A-SAA	**TS-COP7B-SAA**	OPTICAL/DRIVE ASSY	Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS

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No.YA336C
2005/11

SECTION 1
PRECAUTION

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 3
DISASSEMBLY

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 4
ADJUSTMENT

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 5
TROUBLESHOOTING

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

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SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-52G456,
HD-55G456,
HD-55G466,
HD-61Z456

BASIC CHASSIS
RP3

Supplementary

MAIN DRIVE PWB ASS'Y of HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 was changed.
Therefore, this service manual describes only the items which differ from those of the HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 service manual.
For details other than those described in this manual, please refer to the HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 service manual (No.YA336, 2005/10).

DIFFERENCE LIST

USING P.W. BOARD (Page 3-3)

P.W.B ASS'Y Name	BEFORE	AFTER	DESCRIPTION
MAIN DRIVE PWB	SRP-3013A-M2	SRP-3011A-M2	Non compatible

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No.YA336B
2005/11

PRINTED WIRING BOARD PARTS LIST

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3011A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC3101	ASI5100	IC(DILA DRIVER)	
IC3102	K4S161622H-UC60	IC	
IC3103	K4S161622H-UC60	IC	
IC3104	K4S161622H-UC60	IC	
IC3105	K4S161622H-UC60	IC	
IC3161	RC4558D-X	IC	
IC3162	RC4558D-X	IC	
IC3163	RC4558D-X	IC	
IC3201	ASI5100	IC(DILA DRIVER)	
IC3202	K4S161622H-UC60	IC	
IC3203	K4S161622H-UC60	IC	
IC3204	K4S161622H-UC60	IC	
IC3205	K4S161622H-UC60	IC	
IC3206	SN74LVC1G125V-X	IC	
IC3261	RC4558D-X	IC	
IC3262	RC4558D-X	IC	
IC3263	RC4558D-X	IC	
IC3301	ASI5100	IC(DILA DRIVER)	
IC3302	K4S161622H-UC60	IC	
IC3303	K4S161622H-UC60	IC	
IC3304	K4S161622H-UC60	IC	
IC3305	K4S161622H-UC60	IC	
IC3361	RC4558D-X	IC	
IC3362	RC4558D-X	IC	
IC3363	RC4558D-X	IC	
IC3701	AT89C51RD2RLTUM	IC	
IC3741	24LC256-I/SNG-X	IC	
IC3742	24LC256-I/SNG-X	IC	
IC3743	CD74HC4053PW-X	IC	
IC3746	SN74LVC541APW-X	IC	
IC3801	JCC5066	IC	
IC3803	K4S643232H-UC60	IC	
IC3892	R1170H251B-X	IC	
IC3901	SI-8011NVS-X	IC	
IC3902	PQ1CY1032Z-W	IC	
IC3903	LM2941S-W	IC	
IC3905	BA50BC0FP-X	IC	
IC3906	PQ20WZ11-X	IC	
Q3702	UN2211-X	TRANSISTOR	
Q3901	UPA2751GR-X	POWER MOS FET	
Q3902	UN2211-X	TRANSISTOR	
Q3903	UN2211-X	TRANSISTOR	
Q3904	2SC3928A/QR/-X	TRANSISTOR	
Q3905	UN2211-X	TRANSISTOR	
Q3906	UN2211-X	TRANSISTOR	
Q3907	IMD14-W	TRANSISTOR	
Q3908	CPH3116-X	CHIP TRANSISTOR	
D3161	MA8056/M/-X	Z DIODE	
D3261	MA8056/M/-X	Z DIODE	
D3361	MA8056/M/-X	Z DIODE	
D3701	STZ6.8N-X	Z DIODE	
D3702	STZ6.8N-X	Z DIODE	
D3703	STZ6.8N-X	Z DIODE	
D3704	STZ6.8N-X	Z DIODE	
D3705	STZ6.8N-X	Z DIODE	
D3706	STZ6.8N-X	Z DIODE	
D3707	STZ6.8N-X	Z DIODE	
D3708	STZ6.8N-X	Z DIODE	
D3741	STZ6.8N-X	Z DIODE	
D3742	STZ6.8N-X	Z DIODE	
D3901	MA111-X	SI DIODE	
D3902	EC30HA03L-X	SB DIODE	
D3903	PTZ3.9B-X	Z DIODE	
D3931	EC30HA03L-X	SB DIODE	
D3932	EC30HA03L-X	SB DIODE	
D3933	PTZ6.8B-X	Z DIODE	
D3935	MA8043/L/-X	Z DIODE	
D3936	MA8043/L/-X	Z DIODE	
D3937	MA111-X	SI DIODE	
C3008	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3145	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3146	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3147	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3148	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3149	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3150	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3151	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3165	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3166	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3167	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3168	NCB21AK-105X	C CAPACITOR	1uF 10V K
C3169	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3170	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3171	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3172	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3191	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3192	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3193	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3195	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3196	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3197	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3198	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3199	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3202	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3203	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3208	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3209	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3211	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3212	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3221	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3223	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3229	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3244	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3250	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3262	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3264	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3265	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3266	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

⚠Ref No.	Part No.	Part Name	Description	Local
C3267	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3268	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3269	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3270	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3271	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3272	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3291	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3293	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3295	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3297	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3298	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3299	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3326	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3327	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3343	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3344	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3345	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3346	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3352	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3362	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3365	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3366	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3367	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3368	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3369	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3370	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3371	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3372	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3391	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3393	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3395	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3396	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3397	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3398	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3399	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3701	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3703	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3704	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3706	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3707	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3709	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3710	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C3711	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C3712	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3713	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3746	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3747	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3748	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3749	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3808	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3827	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3833	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3834	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3838	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3839	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C3840	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3841	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3842	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3861	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3863	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3864	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3865	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3866	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3867	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3868	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3869	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3870	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3872	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3873	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3874	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3913	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M	
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3934	NELA1AM-157X	E CAPACITOR	150uF 10V M	
C3936	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C3941	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3942	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3951	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3953	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3958	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3960	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3965	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3967	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3969	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3972	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3974	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3975	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3046	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3047	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3048	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3103	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3106	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3107	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3121	NQR0271-001X	EMI FILTEROR		
R3122	NQR0271-001X	EMI FILTEROR		
R3123	NQR0271-001X	EMI FILTEROR		
R3124	NQR0271-001X	EMI FILTEROR		
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3131	NQR0271-001X	EMI FILTEROR		
R3132	NQR0271-001X	EMI FILTEROR		
R3133	NQR0271-001X	EMI FILTEROR		
R3134	NQR0271-001X	EMI FILTEROR		
R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3146	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3147	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3169	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3170	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3171	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3181	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R3184	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3185	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3186	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3187	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3188	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3189	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3190	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3201	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3203	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3207	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3221	NQR0271-001X	EMI FILTEROR		
R3222	NQR0271-001X	EMI FILTEROR		
R3223	NQR0271-001X	EMI FILTEROR		
R3224	NQR0271-001X	EMI FILTEROR		
R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3231	NQR0271-001X	EMI FILTEROR		
R3232	NQR0271-001X	EMI FILTEROR		
R3233	NQR0271-001X	EMI FILTEROR		
R3234	NQR0271-001X	EMI FILTEROR		
R3237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3242	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3244	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3245	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3246	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3247	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3255	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3256	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3257	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3261	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3262	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3265	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3266	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3267	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3268	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3269	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3270	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3271	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3281	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R3284	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3285	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3286	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3287	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3288	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3289	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3290	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3292	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3296	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3297	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3298	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3299	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3303	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3306	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3307	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3311	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3321	NQR0271-001X	EMI FILTEROR		
R3322	NQR0271-001X	EMI FILTEROR		
R3323	NQR0271-001X	EMI FILTEROR		
R3324	NQR0271-001X	EMI FILTEROR		
R3325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3330	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3331	NQR0271-001X	EMI FILTEROR		
R3332	NQR0271-001X	EMI FILTEROR		
R3333	NQR0271-001X	EMI FILTEROR		
R3334	NQR0271-001X	EMI FILTEROR		
R3335	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3344	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3345	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3346	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	

⚠Ref No.	Part No.	Part Name	Description Local
R3347	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3353	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3354	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3362	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3363	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3366	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3367	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3368	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3369	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3370	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3371	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3381	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D
R3384	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3385	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3386	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3387	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3388	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3389	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3390	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3391	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3392	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3396	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3397	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3398	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3399	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3705	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
R3706	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R3707	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
R3708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3709	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
R3710	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
R3711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3716	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3717	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3719	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3721	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3722	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3723	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3724	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3727	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3730	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3733	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3735	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3736	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3737	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3738	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3741	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3742	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3745	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3747	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3750	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3751	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3752	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3754	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3755	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3756	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3757	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3758	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3759	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3764	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3765	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3768	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3769	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3783	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3798	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3801	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3802	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3803	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3804	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3805	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3806	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3807	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3808	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4
R3809	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
R3810	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
R3811	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
R3812	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
R3813	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3814	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3815	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3816	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3817	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3818	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3819	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3820	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3827	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3832	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3835	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3840	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3841	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3846	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3849	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3865	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3867	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3869	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D
R3872	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3874	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3877	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3879	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D
R3883	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3884	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3885	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3888	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D
R3889	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D
R3890	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3895	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3896	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3898	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R3906	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3933	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D
R3934	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D
R3935	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3951	NRSA63D-561X	MG RESISTOR	560Ω 1/16W D
R3952	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
R3953	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3970	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3971	NRSA63D-471X	MG RESISTOR	470Ω 1/16W D
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J

⚠Ref No.	Part No.	Part Name	Description	Local
R3990	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3991	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3992	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
R3993	NRS12BJ-1R0W	MG RESISTOR	1Ω 1/2W J	
R3995	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3996	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3997	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3998	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L3701	NQL092K-2R2X	COIL	2.2uH K	
L3901	NQLB3EN-100X	COIL	10uH N	
L3902	NQL52EN-4R7X	COIL	4.7uH N	
L3931	NQL63EM-101X	COIL	100uH M	
L3932	NQL52EN-4R7X	COIL	4.7uH N	
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
K3001	NQR0413-003X	FERRITE BEADS		
K3191	NQR0413-003X	FERRITE BEADS		
K3192	NQR0413-003X	FERRITE BEADS		
K3193	NQR0413-003X	FERRITE BEADS		
K3194	NQR0413-003X	FERRITE BEADS		
K3195	NQR0413-003X	FERRITE BEADS		
K3196	NQR0413-003X	FERRITE BEADS		
K3291	NQR0413-003X	FERRITE BEADS		
K3292	NQR0413-003X	FERRITE BEADS		
K3293	NQR0413-003X	FERRITE BEADS		
K3294	NQR0413-003X	FERRITE BEADS		
K3295	NQR0413-003X	FERRITE BEADS		
K3296	NQR0413-003X	FERRITE BEADS		
K3391	NQR0413-003X	FERRITE BEADS		
K3392	NQR0413-003X	FERRITE BEADS		
K3393	NQR0413-003X	FERRITE BEADS		
K3394	NQR0413-003X	FERRITE BEADS		
K3395	NQR0413-003X	FERRITE BEADS		
K3396	NQR0413-003X	FERRITE BEADS		
K3701	NQR0413-003X	FERRITE BEADS		
K3741	NQR0413-003X	FERRITE BEADS		
K3742	NQR0413-003X	FERRITE BEADS		
K3743	NQR0413-003X	FERRITE BEADS		
K3744	NQR0413-003X	FERRITE BEADS		
K3861	NQR0413-003X	FERRITE BEADS		
K3891	NQR0413-003X	FERRITE BEADS		
K3893	NQR0413-003X	FERRITE BEADS		
K3894	NQR0413-003X	FERRITE BEADS		
X3201	NAX0673-001X	CRYSTAL		
X3701	NAX0781-001X	CRYSTAL		

SECTION 1
PRECAUTION

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 3
DISASSEMBLY

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 4
ADJUSTMENT

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

SECTION 5
TROUBLESHOOTING

Please refer to "HD-52G456, HD-55G456,HD-55G466 and HD-61Z456 (No.YA336)" about this section.

JVC

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JVC

SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-52G456, HD-55G456, HD-55G466, HD-61Z456

BASIC CHASSIS
RP3

[HD-52G456]

TABLE OF CONTENTS

1 PRECAUTION 1-3
2 SPECIFIC SERVICE INSTRUCTIONS 1-7
3 DISASSEMBLY 1-11
4 ADJUSTMENT 1-26
5 TROUBLESHOOTING 1-36

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SPECIFICATION

Items		Contents		
		HD-52G456	HD-55G456 HD-55G466	HD-61Z456
Dimensions (W × H × D)		122.9 cm × 91.1 cm × 41.5 cm (48-1/2" × 35-7/8" × 16-3/8")	131.8 cm × 96.8 cm × 43.9 cm (52" × 38-1/8" × 17-3/8")	145.6 cm × 104.2 cm × 47.0 cm (57-3/8" × 41-1/8" × 18-5/8")
Mass		39 kg (86 lbs)	42 kg (92 lbs)	46.5 kg (103 lbs)
TV RF System (Analog / Digital)	Analog	CCIR (M)		
	Digital	ATSC terrestrial / Digital cable		
Color System (Analog)		NTSC		
Stereo System (Analog)		BTSC (Multi Channel Sound)		
Teletext System (Analog)		Closed caption (T1-T4 / CC1-CC4)		
TV Receiving Channels and Frequency (Analog)	VHF Low	02ch - 06ch : 54MHz - 88MHz		
	VHF High	07ch - 13ch : 174MHz - 216MHz		
	UHF	14ch - 69ch : 470MHz - 806MHz		
	CATV	54MHz - 804MHz Low Band : 02 - 06 High Band : 07 - 13 Mid Band : 14 - 22 Super Band : 23 - 36 Hyper Band : 37 - 64 Ultra Band : 65 - 94, 100 - 135 Sub Mid Band : 01, 96 - 99		
TV / CATV Total Channel		191 Channels		
Intermediate Frequency (Analog)	Video IF	45.75 MHz		
	Sound IF	41.25 MHz (4.5MHz)		
Color Sub Carrier Frequency (Analog)		3.58 MHz		
Power Input		AC120 V, 60 Hz		
Power Consumption		210 W		
Projection Source		110 W High-pressure mercury lamp		
Projection Device		D-ILA device (Reflection active matrix type LCD) x 3(R / G /B)		
Resolution		Total=H:1312 × V:800 [Effective =H:1280 × V:720]		
Screen		Transparent screen (unitized fresnel lens / lenticular lens), aspect ratio 16 : 9		
Screen Size		52" (132 cm) Measured diagonally H: 115.1 cm × V: 64.8 cm	55" (139.7 cm) Measured diagonally H: 121.8 cm × V: 68.5 cm	61" (154.9 cm) Measured diagonally H: 135.0 cm × V: 76.0 cm
Audio Power Output		10 W + 10 W		
Speaker		10 cm round type × 2 (Oblique corn)		
Antenna Terminal (VHF/UHF,ATSC/DIGITAL CABLE IN)		F-type connector, 75 Ω unbalanced, coaxial × 2		
Video / Audio Input [INPUT-1/2/3/4]	Component Video [INPUT-1/2]	RCA pin jack × 6		
	1125i / 750p	Y : 1V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω		
	525p / 525i	Y : 1V (p-p), positive (Negative sync provided), 75 Ω Pb/Pr : 0.7V(p-p), 75 Ω		
	S-Video [INPUT-1/3/4]	Mini-DIN 4 pin × 3 Y: 1V (p-p), positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω		
	Video	1V (p-p), positive (Negative sync provided), 75 Ω, RCA pin jack × 4		
	Audio	500mV (rms), high impedance, RCA pin jack × 8		
Digital Input	Video	HDMI 2-row 19pin connector × 1 (Digital-input terminal is not compatible with picture signals of personal computer)		
	Audio	Digital: HDMI 2-row 19pin connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2		
Audio Output		500mV(rms) (-4dBs), low impedance (1000Hz when modulated 100%), RCA pin jack × 2		
Digital Audio Optical Output		Digital SPDIF × 1		
Remote Control Unit		RM-C18G (AA/R6 / UM-3 battery × 2)		

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

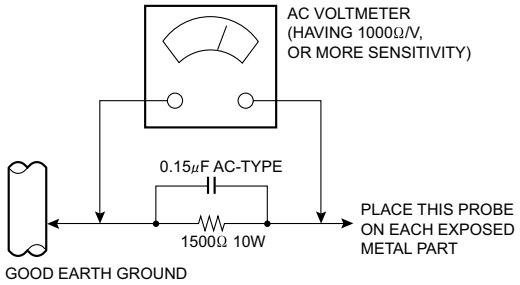
(5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the predetermined level and power will be turned off automatically.
Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.
Do not put foreign objects near the ventilation holes as this can result in fire or electrical hazards.
Do not block the ventilation holes as this may cause the internal temperature to rise and possibly result fire.

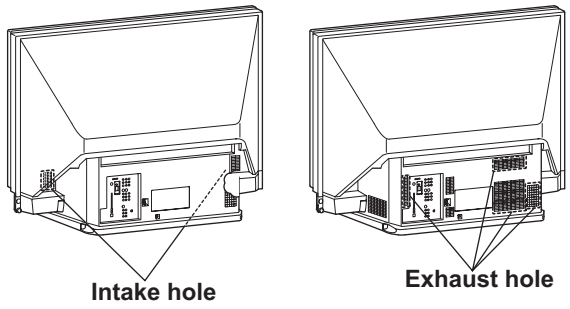


*Diagram differs from actual appearance.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified fingure, between the unit with and the surrounding walls, as well as the floor etc.
Install the unit on stable flooring.
Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

CAUTION FOR INSTALLATION

- Do not tilt the TV towards the left or right, or toward the back.
- Install the TV in a corner on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.

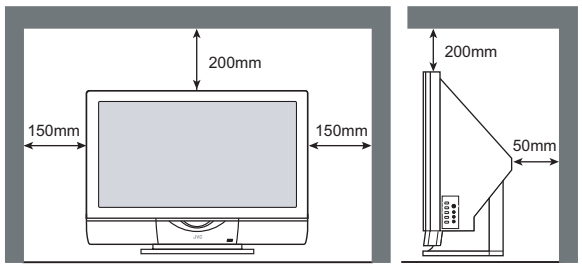
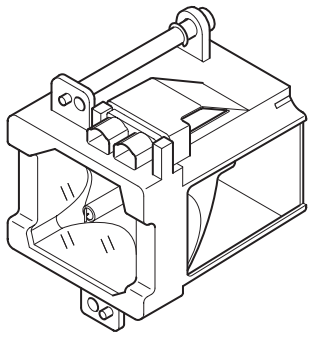


*Diagram differs from actual appearance.

1.3 LAMP UNIT HANDLING CAUTION

LAMP UNIT : TS-CL110UAA



1.3.1 PRECAUTION FOR LAMP UNIT

The lamp emits high intensity white, ultraviolet and infrared light. Do not look directly at the light during service.
Also, do not touch the lamp directly as it presents a burn hazard.
Handle with extra care. This lamp emits high heat and contains high-pressure during use.
Do not give any impact as this may cause the broken lamp.

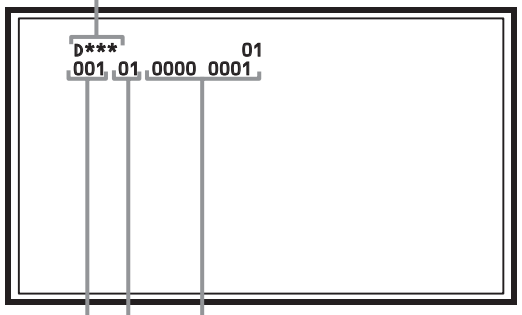
1.3.2 HOW TO CONFIRM LAMP OPERATING TIME

- MAXIMUM COUNT TIME= **65535 hours**
  (1) Set to **"0 minutes"** using the **[SLEEP TIMER]** key.
  (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE.
  (3) When the Main Menu is displayed, press **[4]** key to enter the setting display for designing.
  (4) Press **[CH+]** / **[CH-]** key to select the addresses (items).

NOTE:

- Confirmation of the information can be done by selecting addresses (items) below.
  Display position is in the far right side in the 2nd row from the top, as displayed below.

D070 : Lamp operating time high byte
D071 : Lamp operating time low byte



Operating time in binary number notation
Operating time in hexadecimal number notation
Operating time in decimal number notation (Max. 255)

< Calculation example >
D070 (decimal number notation) = 003
D071 (decimal number notation) = 232
→ (3 x 256) + 232 = 1000 hours

1.3.3 LAMP UNIT REPLACEMENT

(1) The lamp replacement message will appear when need to change the lamp. After replace the lamp, need to reset the timer which is built into TV.
(2) Life of the lamp unit is about **5000 hours** over. Lamp use time can be check at the lamp message MENU.
(3) If Fig.1 message appears when turn the TV on, need to replace the lamp.
(4) Use the lamp timer reset only after replacing the lamp.

NOTE:

- This message will appear every time turn on the TV, when the lamp needs to be replaced. Press the **[OK]** key to make the message disappear, or replace the lamp.

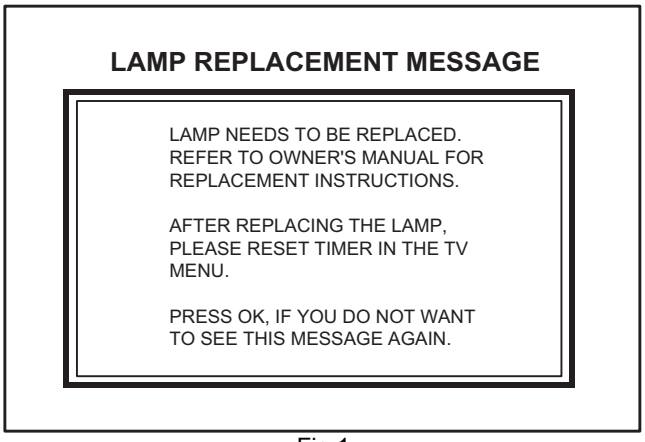

LAMP REPLACEMENT MESSAGE
LAMP NEEDS TO BE REPLACED.
REFER TO OWNER'S MANUAL FOR
REPLACEMENT INSTRUCTIONS.
AFTER REPLACING THE LAMP,
PLEASE RESET TIMER IN THE TV
MENU.
PRESS OK, IF YOU DO NOT WANT
TO SEE THIS MESSAGE AGAIN.

Fig.1

1.3.4 HOW TO REPLACE THE LAMP UNIT

- Refer to the "**USERS GUIDE**" for a detailed operating description.

(1) Turn off the TV power.
(2) After the LAMP LED light has stopped blinking, disconnect the power cord from the AC outlet.
(3) Loosen 1 screw then take out the lamp cover below the left side of the TV.
(4) Loosen 2 screws then take out the lamp unit.
(5) Install the new lamp unit.
(6) Re-install the lamp cover.

NOTE:

- After installing the new lamp unit, do not forget to reset the lamp timer.

1.3.5 HOW TO RESET THE LAMP TIMER

- Refer to the "**USERS GUIDE**" for a detailed operating description.

(1) Press the **[MENU]** key to select CLOCK / TIMERS.
(2) Select the <LAMP TIMER RESET> with **[▲]** / **[▼]** keys.
(3) Enter the <LAMP TIMER RESET> mode the message will appears.
(4) Press the **[OK]** key while the above message appears on the screen.
(5) Turn off the power, then turn on the power.
(6) The lamp timer has now been reset, as before the HOW TO CONFIRM LAMP OPERATING TIME.

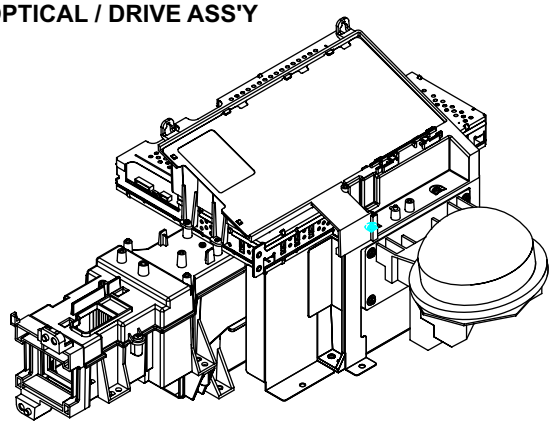
1.3.6 PRECAUTION FOR REPLACEMENT

- Do not replace the LAMP UNIT immediately after the projector has been used.
- The temperature of the LAMP UNIT is still high and could cause a burn.
- Allow a cooling period of 1 hour or more before performing replacement.
- Before starting LAMP UNIT replacement work, turn off the MAIN POWER switch, and disconnect the AC power cord plug from the wall outlet.
- If touched, the lamp glass surface may rupture and burns may result. Do not touch the glass portion or metal portion. Handle only plastic handle.
- The replaced old lamp can be discarded in the same manner as a fluorescent lamp. Check local ordinances and dispose of the used lamp as prescribed.

1.4 SERVICE PARTS KIT INSTRUCTIONS

Due to the character of this product, these OPTICAL /DRIVE ASS'Y are prepared.
Please note these OPTICAL/DRIVE ASS'Y when replacing or ordering the parts.

OPTICAL / DRIVE ASS'Y



1.4.1 PART NUMBER AND CONSTRUCTION

Kit parts number	Kit part name
TS-COP8A-SAA	OPTICAL / DRIVE ASS'Y

1.4.2 OPTICAL / DRIVE ASS'Y CONSTRUCTION

(1) OPTICAL BLOCK
(Included D-ILA DEVICE, PROJECTION LENS)
(2) OPTICAL BASE
(3) MAIN DRIVE PWB ASS'Y
This PWB is mounted with 2 memory ICs saved with adjustment, setting data of the drive circuit.
(4) SHIELD COVER
*The following parts without the kits part.

- REMOTE SENSOR PWB ASS'Y
- FAN CONTROL PWB ASS'Y
- LAMP UNIT
- LAMP FAN DUCT
- THERMOSTAT

1.4.3 PRECAUTION FOR USING

(1) In the case of the following defects/problems, replace this kit (OPTICAL/DRIVE ASS'Y)
a) Picture defect caused by optical system/D-ILA device related parts.
b) Picture defect caused by drive circuit.
(2) The MAIN DRIVE PWB ASS'Y is mounted with a memory IC [IC3741/IC3742] saved with adjustment/setting data (GAMMA, SHADING, etc.) of the drive circuit.
The data of this memory IC is in the optimal state according to individual D-ILA devices and each section of the OPTICAL BLOCK.
(3) When replace the MAIN DRIVE PWB ASS'Y, take off the 2 memory ICs from the original board and replace with new one. When replace the MAIN DRIVE PWB ASS'Y, do same manner. Replace 2 memory ICs.
(4) After the replacement of the OPTICAL BLOCK, projection lens focus adjustment and drive convergence / projection adjustment are required.

1.5 SCREEN HANDLING CAUTIONS

1.5.1 SCREEN STORAGE

Store the SCREEN ASS'Y in a standing position in order to avoid deformation. If the screen is stored horizontally, there is risk of deforming the screen face.
When necessary to place the SCREEN ASS'Y horizontally, position the screen side upwards and sure to place spacers between the screen and resting site (floor or stand etc.) to prevent the screen from sagging.

1.5.2 SCREEN SURFACE

Since the screen surface is easily scratched or soiled, use ample care when handling.

1.5.3 PRECAUTIONS FOR CLEANING AND REPLACEMENT

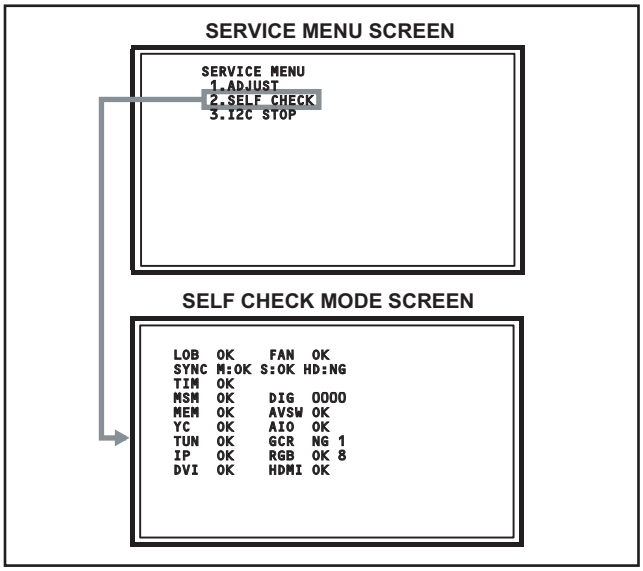
- The SCREEN ASS'Y is made from the lenticular lens and fresnel lens. The anti static proceeding and the surface of the lenticular lens. Rubbing the surface with something hard, the coating may peel off.
- When the screen is dirty, gently wipe it with a soft cloth.
  If the screen is very dirty, wipe it down with a cloth dipped in a diluted kitchen cleaner (neutrality detergent) and thoroughly wrung-out. Then wipe immediately after with clean, dry cloth.
  Never use the organic solvent such as the alcohol or benzine.
- The SCREEN ASS'Y replacement is required if the coating was peel off. Alkaline detergent or acidity detergent can not be be used.
- The notched side of the lenticular lens and the fresnel lens are faced each other.
- Do not rub the screen when cleaning it or replaceing it. Rubbing the screen may cause of the scratch of the screen by its notch.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

(1) Set to **"0 minutes"** using the **[SLEEP TIMER]** key.
(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE.
(3) When the Main Menu is displayed, press **[2]** key to enter the self check mode.
(4) Turn off the power by pressing the **[POWER]** key on the remote control unit.



2.2 FEATURES

Built in ATSC (Advanced Television Systems Committee) TUNER

This TV can receive both Digital broadcasting (ATSC) and Analogue broadcasting.

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

SMART CAPTION

Smart caption will appear when you press the MUTING button, only on channels where the broadcast contains CLOSED CAPTION information.

VIDEO STATUS

Expression of a favorite screen can be chosen by the VIDEO STATUS function.

DIGITAL INPUT

Digital-in will display when any picture signal in Digital-in is displayed.

V-CHIP

Since the V-CHIP is built in, it can choose, view and listen to a healthy program.

MTS STEREO

The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

NATURAL CINEMA

Watching the movie or animation, press the Natural Cinema to adjust the out line of the images to make thin more sharp.

VIDEO INPUT LABEL

This function is used to label video input connections for the onscreen displays.

2.3 MAIN DIFFRENCE LIST

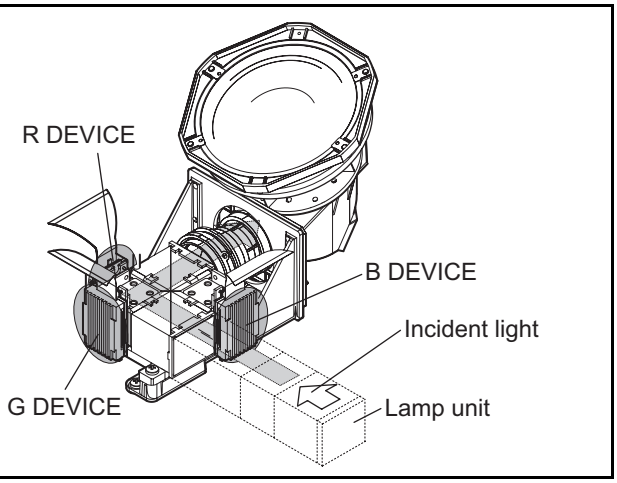
Item	HD-52G456	HD-55G456	HD-55G466	HD-61Z456
CABINET COLOR	SILVER	SILVER	BLACK	SILVER
DIGITAL SIGNAL PWB	SRP0D034A-M2	SRP0D033A-M2	SRP0D045A-M2	SRP0D032A-M2

2.4 TECHNICAL INFORMATION

2.4.1 D-ILA DEVICE SPECIFICATION

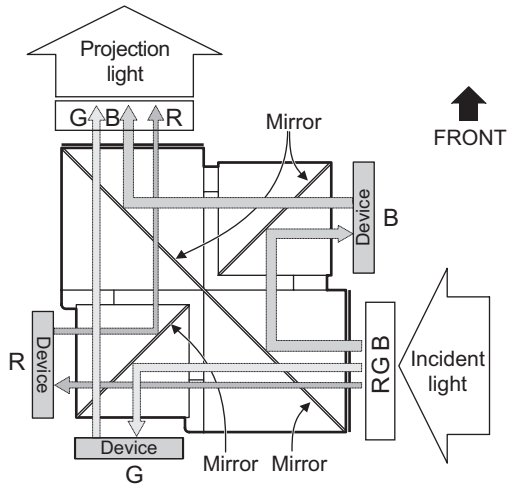
Item	Content
Resolution	H:1312 × V:800
Pixel number	about 1050000
Pixel size	H :12.0μm × V :12.0μm
Aspect ratio	16:9
Contrast ratio	1000:1
Aperture ratio	93% or more
Effective pixel measurement	0.7 inch

2.4.2 PROJECTION UNIT



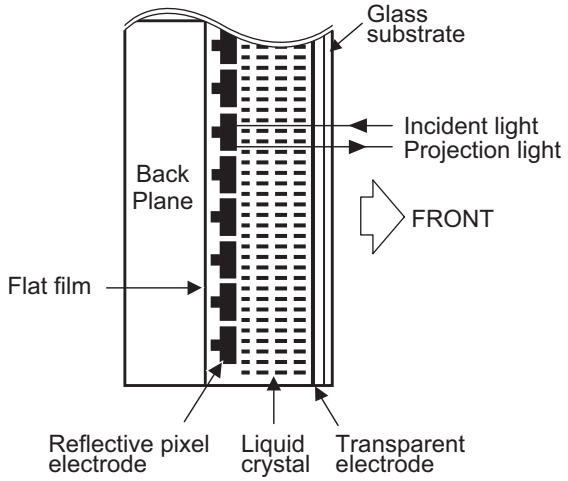
2.4.3 IMAGE LIGHT FLOW

DEVICE UNIT SECTION (TOP VIEW)

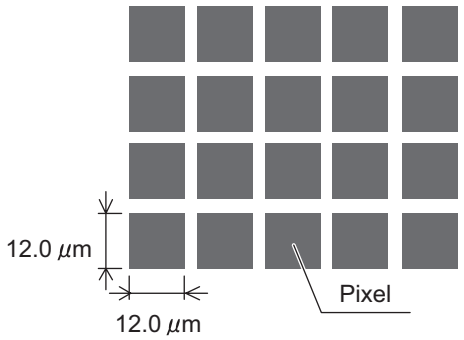


2.4.4 D-ILA DEVICE STRUCTURE

R / G / B DEVICE (SIDE VIEW)



PIXEL VIEW (FRONT VIEW)



2.4.5 MAIN CPU PIN FUNCTION [IC7601 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	VHOLD1	I	Data slice for main screen closed caption	51	NC	O	Not used
2	HFLT1	I/O	LPF for main screen closed caption video input	52	NC	O	Not used
3	NC	O	Not used	53	NC	O	Not used
4	NC	O	Not used	54	NC	O	Not used
5	DIGR0	O	R [0] for OSD	55	NC	O	Not used
6	TB1in	I	AC power for timer clock	56	NC	O	Not used
7	REMO	I	Remote control	57	NC	O	Not used
8	BYTE	I	Data bus width select [L = 16bit (fixed)]	58	NC	O	Not used
9	CNVss	I	CPU programming mode select [Normal = L]	59	NC	O	Not used
10	DIGG0	O	G [0] for OSD	60	NC	O	Not used
11	DIGB0	O	B [0] for OSD	61	NC	O	Not used
12	RESET	I	Reset for main CPU [Reset = L]	62	HSYNC	I	H. sync for OSD
13	Xout	O	System clock osillation (crystal) : 16MHz	63	NC	O	Not used
14	Vss	-	GND	64	VSYNC	I	V. sync for OSD
15	Xin	I	System clock osillation (crystal) : 16MHz	65	NC	O	Not used
16	Vccl	I	3.3V stand-by power supply	66	NC	O	Not used
17	OSC1	I	Clock for OSD	67	NC	O	Not used
18	OSC2	O	Not used : Clock for OSD	68	NC	O	Not used
19	INT1	I	AV COMPULINK control	69	NC	O	Not used
20	INT0	I	Request for sub(chassis) CPU communication (serial data)	70	NC	O	Not used
21	OUT1	O	Ys (blanking) for OSD	71	NC	O	Not used
22	OUT2	O	YM (transparence) for OSD	72	NC	O	Not used
23	NC	O	Not used	73	NC	O	Not used
24	NC	O	Not used	74	NC	O	Not used
25	NC	O	Not used	75	NC	O	Not used
26	NC	O	Not used	76	NC	O	Not used
27	CTA2/RTS2	O	Not used	77	NC	O	Not used
28	CLK2	O	Not used	78	NC	O	Not used
29	RxD2	I	Digital tuner control	79	NC	O	Not used
30	TxD2	O	Digital tuner control	80	NC	O	Not used
31	SDA2	I/O	Not used	81	NC	O	Not used
32	DIGR1	O	R [1] for OSD	82	NC	O	Not used
33	DIGG1	O	G [1] for OSD	83	NC	O	Not used
34	DIGB1	O	B [1] for OSD	84	WAKE	O	Reset for sub(chassis) CPU
35	TxD0	I	Data receive (serial) for external programming	85	CARD_DET	I	Card detection for ATSC digital tuner
36	RxD0	O	Data transmission (serial) for external programming	86	POWER_SW	I	Power switch (mechanical) detection
37	CLK0	I	Clock for external programming	87	P0.1	I/O	Data for Inter IC (serial) bus control : memory
38	RTS0	O	Busy for external programming [Operation = H]	88	P0.0	O	Clock for Inter IC (serial) bus control : memory
39	P5.7	I	Not used	89	DIGR2	O	R [2] for OSD
40	P5.6	O	Not used	90	DIGG2	O	G [2] for OSD
41	HOLD	I	CPU programming mode select [Normal = H]	91	DIGB2	O	B [2] for OSD
42	P5.4	O	Not used	92	NC	O	Not used
43	P5.3	O	Not used	93	KEY2	I	Key scan data for front control button (MENU/CH+/CH-) KEY2
44	P5.2	O	Not used	94	KEY1	I	Key scan data for front control button (VOL+/VOL-) KEY1
45	P5.1	O	Not used	95	VHOLD2	I	Data slice for sub screen closed caption
46	WR	O	CPU programming mode select [Normal = L]	96	HLF2	I/O	LPF for sub screen closed caption video input
47	P4.7	O	Data transmission for sub(chassis) CPU communication (serial)	97	CVIN2	I	Video(Y) for sub screen closed caption
48	P4.6	I	Data receive for sub(chassis) CPU communication (serial)	98	TVSETB	I	Test terminal [L Fixed]
49	P4.5	I	Clock for sub(chassis) CPU communication (serial)	99	VCCE	I	5V stand-by power supply
50	P4.4	O	Not used	100	CVIN1	I	Video(Y) for main screen closed caption

2.4.6 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LED_PRO	O	Not used	51	BS_TXD	O	Not used : Data transmission for digital tuner communication
2	P_MU	O	Picture muting [Muting = H]	52	BS_RXD	I	Not used : Data receive for digital tuner communication
3	JP_CSB	O	Not used (NC)	53	CD_INT	O	Not used : Data transmission for CARD data
4	A_MUTE	O	Audio muting [Muting = H]	54	VREF+	I	3.3V power supply
5	M_MUTE	O	Audio muting (for AUDIO OUT) [Muting = H]	55	PDP_TX	O	Data transmission for SUB (DRIVE) CPU communication
6	PC_SEL	O	RGB(PC) INPUT select	56	PDP_RX	I	Data receive for SUB (DRIVE) CPU communication
7	ON_TIMER	O	POWER INDICATOR (LED) brightness [LOW = L]	57	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
8	ILA0	O	Not used : LCD back light lighting	58	SCL0	O	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
9	ILA1	O	Not used : LCD panel overshoot refresh timing	59	SDA_DVI	I/O	Not used : Data for Inter IC (serial) bus for panel communication
10	ILA2	O	Not used	60	SCL_DVI	O	Not used : Clock for Inter IC (serial) bus for panel communication
11	POW_LED	O	POWER LED lighting [ON = L]	61	AVSS	-	GND
12	WORD	O	Not used	62	DIGI_PHO	I	Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	I	Clock for SUB (OSD) CPU communication	63	AGC	I	Not used
14	MI_TX	I	Data receive for SUB (OSD) CPU communication	64	EXT_YS1	I	Not used
15	MI_RX	O	Data transmission for SUB (OSD) CPU communication	65	EXT_YS2	I	Not used
16	MI_REQ	O	Data request for SUB (OSD) CPU communication [Request = L]	66	VDD	I	3.3V power supply
17	VDD	I	3.3V power supply	67	DIGI_PHOT	O	for DIGITAL-IN (HDMI)
18	FOSC	O	Not used (NC)	68	GR_RST	O	Not used (NC)
19	VSS	-	GND	69	GRON	O	Not used (NC)
20	X1	I	Not used : Low speed oscillatior	70	SYNC_SEL	O	Not used : Sync select for digital tuner
21	X0	O	Not used : Low speed oscillatior	71	CD_SCL	O	Not used : Clock for Inter IC (serial) bus for CARD comunication
22	VDD	I	3.3V power supply	72	CD_SDA	O	Not used : Data for Inter IC (serial) bus for CARD comunication
23	OSC1	I	System clock osillation (crystal) : 16MHz	73	SBD5	I/O	Data for writing on board (connect CN01P : for Frash ROM type)
24	OSC0	O	System clock osillation (crystal) : 16MHz	74	SBT5/RT5	I	Clock for writing on board (connect CN01P : for Frash ROM type)
25	MODE	I	Single chip mode [H = Fixed]	75	NMI	I	3.3V power supply
26	BS1.5CTL	O	Not used : Digital tuner power / reset control	76	TVLINK	I	Not used : AV COMPULINK III control
27	A92RES	O	Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	O	Reset for Digital tuner power / reset control [Reset = L]	78	MICON_V	I	V. sync pulse
29	LIP_RST	O	Not used: Reset for Sound delay (Lip sync)	79	WAKE	I	Reset for sub(chassis) CPU from MAIN CPU [Reset = L]
30	SOFT_OFF	O	Not used	80	POWERGOOD	I	Power error detection [NG = H]
31	VMUTE	I	Interrupt detection [Detect = H]	81	REC_LED	O	Not used (NC)
32	VOUTENB	O	Video cutoff for digital tuner [OFF = L]	82	RESET	I	Reset for sub(chassis) CPU [Reset = L]
33	MDR_CON	I	Not used : System cable connection monitor for PDP	83	VDD	I	3.3V power supply
34	AVDD	I	3.3V power supply	84	SCL3A	O	Clock for Inter IC (serial) bus control
35	PFC_POWE	O	Not used : Digital tuner power control	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]	86	SCL3B	O	Clock for Inter IC (serial) bus control
37	LB_POWE	O	Not used : Power control for low bias line	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	O	Not used (NC)	88	DIN_SEL	O	Not used
39	HOTPLUG	I	Not used : Video communiation monitor for receiver unit (PDP)	89	LR_SW	O	For DIGITAL-IN (HDMI)
40	MECA_SW	I	Not used : Mechanical monitor for POWER switch	90	HDMI_HP	I	Reset for HDMI process [Reset = L]
41	MAIN_PW	O	Main power control [ON = L]	91	DVI_RST	O	Not used : Reset for DVI format conversion
42	MSP_RST	O	AUDIO OUT output mode select [VARIABLE = L]	92	VSS	-	GND
43	VREF-	I	Not used	93	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
44	AFT2	I	Not used : AFT voltage for sub tuner	94	VFORMSEL	O	Not used : Digital tuner clock control
45	AFT1	I	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
46	KEY2	I	Not used	96	OSD_SEL	O	Not used : OSD mode select
47	KEY1	I	Not used	97	NC	O	Not used (NC)
48	NC	O	Not used (NC)	98	MCmp/OTH	O	Main video select [Fixed H]
49	REC_RSV_LED	O	Not used (NC)	99	DsyncSW1	O	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
50	AC_IN	I	Not used	100	57 BUSY	I	Busy monitor for JCC5057 (New DIST process)

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- **Be sure to perform the SYSTEM SETTEING, at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.
- Wait until the LAMP UNIT has cool down is completely.
- While not in repair service, place the chassis back its original position.

3.1.1 FRONT SIDE DISASSEMBLY [HD-52G456 / HD-55G456 / HD-55G466]

3.1.1.1 REMOVING THE SPEAKER GRILL (Fig.1)

(1) Remove the 2 screws **[A]**.
(2) Remove the SPEAKER GRILL.

3.1.1.2 REMOVING THE FRONT LED PWB (Fig.1)

- Remove the SPEAKER GRILL.
  (1) Remove the 1 screw **[B]**.
  (2) Remove the FRONT LED PWB.

3.1.1.3 REMOVING THE CENTER PANEL (Fig.1)

- Remove the SPEAKER GRILL.
  (1) Remove the 2 screws **[C]**.
  (2) Remove the CENTER PANEL.

3.1.1.4 REMOVING THE FRONT PANEL (Fig.1)

- Remove the SPEAKER GRILL.
  (1) Remove the 10 screws **[D]** and the 12 screws **[E]**.
  (2) Remove the FRONT PANEL with the SPEAKERS.

3.1.1.5 REMOVING THE SPEAKER (Fig.1)

- Remove the SPEAKER GRILL.
  (1) Remove the 4 screws **[F]**.
  (2) Remove the SPEAKER.

3.1.1.6 REMOVING THE SCREEN BLOCK (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
  (1) Remove the 6 screws **[G]**.
  (2) Remove the 2 screws **[H] [HD-52G456]**.
  (3) Removethe 2 screws **[J] [HD-55G456 / HD-55G466]**.
  (4) Remove the SCREEN BLOCK.

CAUTION :

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.1.7 REMOVING THE SCREEN ASS'Y (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 12 screws **[K]**, then remove the SCREEN BRACKET.
  (2) Remove the SCREEN ASS'Y.

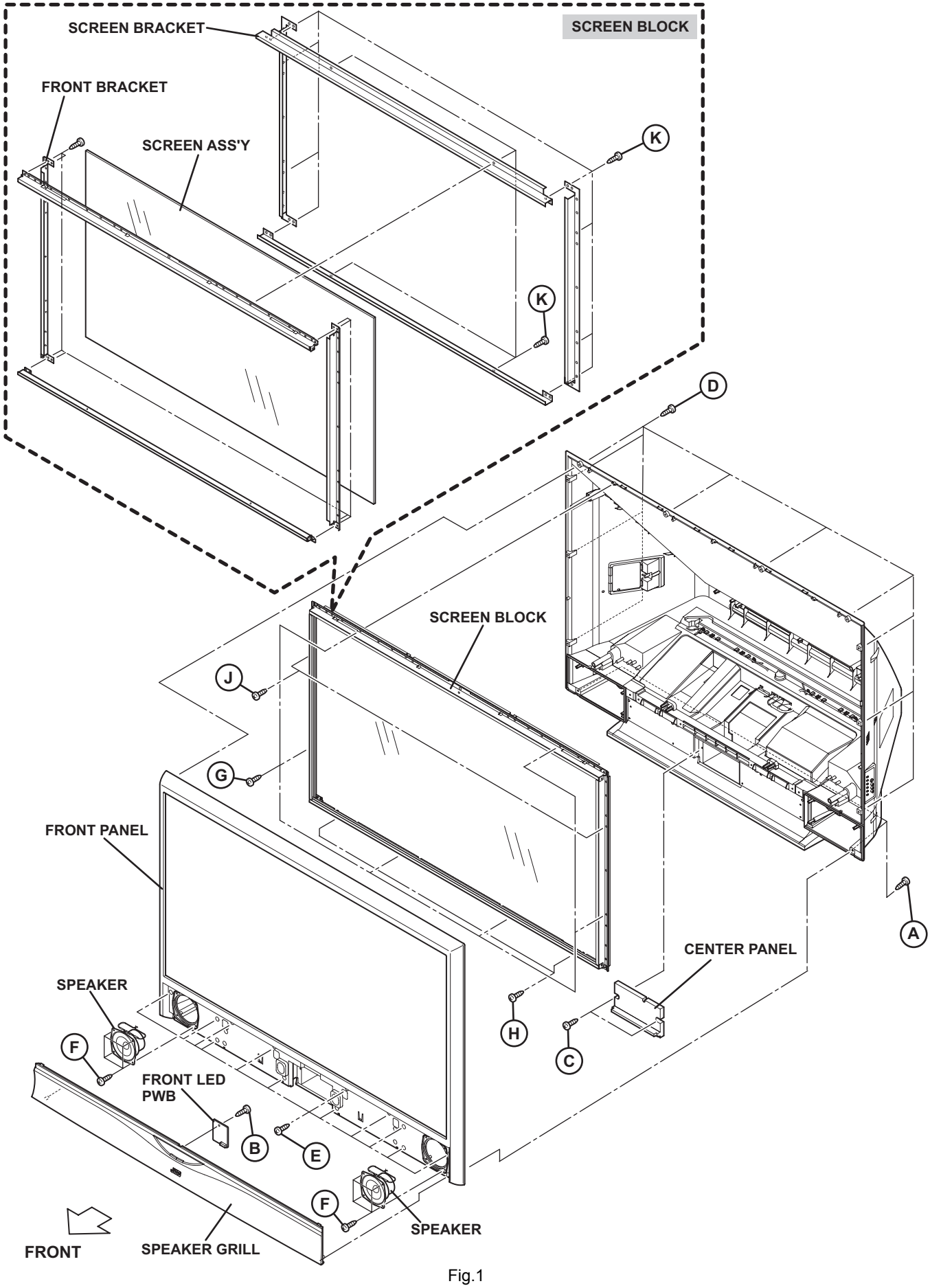

SCREEN BRACKET
SCREEN BLOCK
FRONT BRACKET
SCREEN ASS'Y
K
K
D
SCREEN BLOCK
J
G
FRONT PANEL
A
CENTER PANEL
SPEAKER
H
C
F
FRONT LED PWB
B
E
F
SPEAKER
FRONT
SPEAKER GRILL

Fig.1

3.1.1.8 REMOVING THE MIRROR (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 4 screws **[A]** attaching the MIRROR HOLDER of the upper side.
  (2) Remove the 6 screws **[B]** attaching the MIRROR HOLDER of left and right side.
  (3) Raise slightly to disengage of the MIRROR from the bottom holder.
  (4) Remove the MIRROR.

NOTE :

- Do not touch the front of the MIRROR.
- Do not shock the the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.1.9 REMOVING THE SIDE CONTROL PWB (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 2 screws **[C]**.
  (2) Remove the SIDE CONTROL BASE.
  (3) Remove the 2 screws **[D]**.
  (4) Remove the SIDE CONTROL PWB.

3.1.1.10 REMOVING THE SUPPORT HOLDER (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 2 screws **[E]**.
  (2) Remove the SUPPORT HOLDER.

3.1.1.11 REMOVING THE BACK COVER (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- Remove the SUPPORT HOLDER.
  (1) Remove the 6 screws **[F]**, the 2 screws **[G]** and the 2 screws **[H]**.
  (2) Remove the BACK COVER.

CAUTION :

- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.1.12 REMOVING THE SPEAKER BOX (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- Remove the SUPPORT HOLDER.
- Remove the BACK COVER.
  (1) Remove the 2 screws **[J]**,.
  (2) Remove the SPEAKER BOX(L /R).

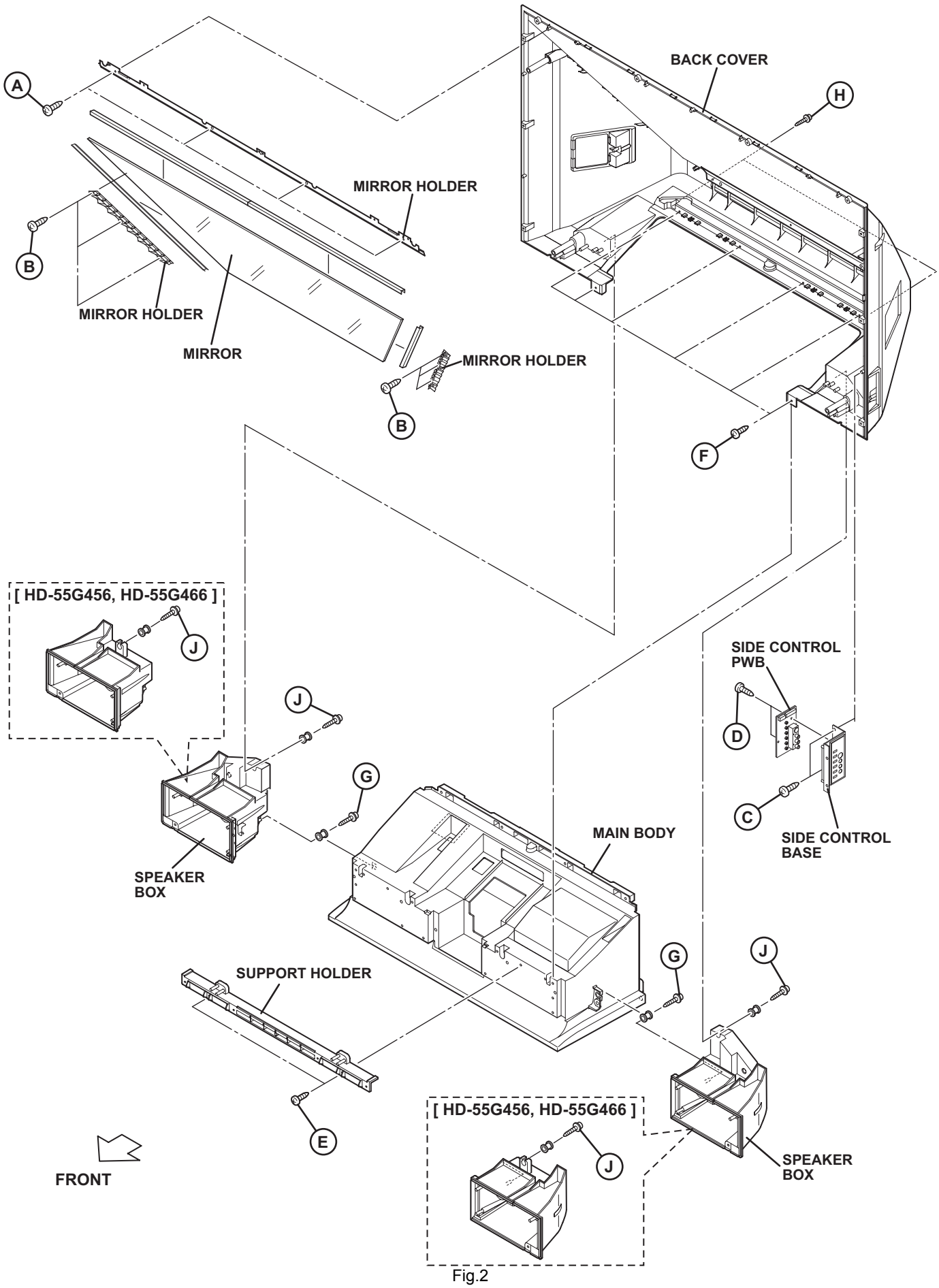

A
BACK COVER
H
MIRROR HOLDER
B
MIRROR HOLDER
MIRROR
MIRROR HOLDER
B
F
[HD-55G456, HD-55G466]
J
SIDE CONTROL PWB
J
D
G
C
SIDE CONTROL BASE
MAIN BODY
SPEAKER BOX
G
J
SUPPORT HOLDER
E
[HD-55G456, HD-55G466]
J
SPEAKER BOX
FRONT

Fig.2

3.1.2 FRONT SIDE DISASSEMBLY [HD-61Z456]

3.1.2.1 REMOVING THE SPEAKER (Fig.3)

(1) Remove the 1 screw **[A]**
(2) Remove the SPEAKER GRILL(R).
(3) Remove the 1 screw **[B]**.
(4) Remove the SPEAKER GRILL(L).
(5) Remove the 4 screws **[C]**.
(6) Remove the SPEAKER.

3.1.2.2 REMOVING THE FRONT LED PWB (Fig.3)

- Remove the SPEAKER GRILL.
  (1) Remove the 4 screws **[F]**
  (2) Remove the FRONT PANEL.
  (3) Remove the 1 screw **[G]**.
  (4) Remove the FRONT LED PWB.

3.1.2.3 REMOVING THE CENTER PANEL (Fig.3)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
  (1) Remove the 2 screws **[H]**.
  (2) Remove the CENTER PANEL.

3.1.2.4 REMOVING THE SCREEN BLOCK (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
  (1) Remove the 4 screws **[J]** and the 10 screws **[K]**.
  (2) Remove the SCREEN BLOCK.

CAUTION :

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 parsons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.2.5 REMOVING THE SCREEN ASS'Y (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 24 screws **[L]**.
  (2) Remove the SCREEN BRACKET.
  (3) Remove the SCREEN ASSY.

3.1.2.6 REMOVING THE FRONT FRAME (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 20 screws **[M]**.
  (2) Remove the FRONT FRAME.

3.1.2.7 REMOVING THE MIRROR (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 12 screws **[N]** attaching the MIRROR HOLDER of the upper, left and right side.
  (2) Raise slightly to disengage of the MIRROR from the bottom holder.
  (3) Remove the MIRROR.

NOTE :

- Do not touch the front of the MIRROR.
- Do not shock the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.2.8 REMOVING THE SIDE CONTROL PWB (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 4 screws **[P]**.
  (2) Remove the SIDE CONTROL BASE with wire clamp.
  (3) Remove the 3 screws **[Q]**.
  (4) Remove the SIDE CONTROL PWB.

3.1.2.9 REMOVING THE MAIN BODY (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 2 screws **[R]** and the 12 screws **[S]**.
  (2) Remove the MAIN BODY.

CAUTION:

- Because of the large size, at least 2 persons are recommended for removal and reassemble.

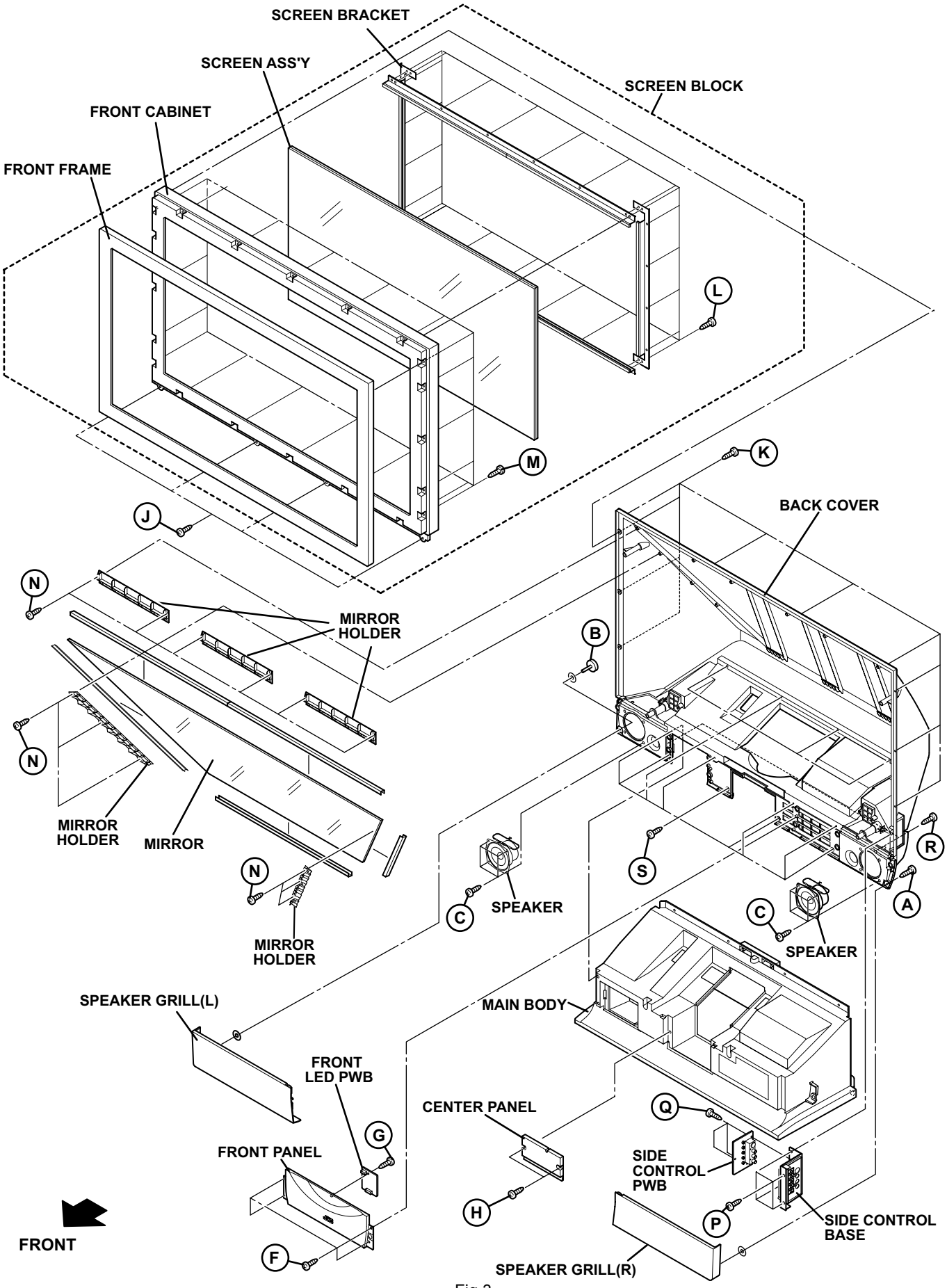

SCREEN BRACKET
SCREEN ASS'Y
SCREEN BLOCK
FRONT CABINET
FRONT FRAME
L
M
K
J
BACK COVER
N
MIRROR HOLDER
B
N
MIRROR HOLDER
MIRROR
N
MIRROR HOLDER
S
R
C
SPEAKER
A
C
SPEAKER
SPEAKER GRILL(L)
MAIN BODY
FRONT LED PWB
CENTER PANEL
Q
G
FRONT PANEL
SIDE CONTROL PWB
H
P
SIDE CONTROL BASE
F
SPEAKER GRILL(R)
FRONT

Fig.3

3.1.3 REAR SIDE DISASSEMBLY

3.1.3.1 REMOVING THE LAMP UNIT (Fig.4)

(1) Remove the 1 screw **[A]**, then remove the LAMP COVER.
(2) Remove the 2 screws **[B]**, then pull out the LAMP UNIT.

NOTE :

- Do not leave the LAMP COVER removed for long time to prevent dirt and dust form covering the lens.
- Make sure that the LAMP COVER is completely installed.

3.1.3.2 REMOVING THE BODY COVER (Fig.4)

(1) Remove the 9 screws **[C] [HD-61Z456]**.
(2) Remove the 2 screws **[D] [HD-52G456 / HD-55G456 / HD-55G466]**.
(3) Remove the 5 screws **[E]**.
(4) Remove the BODY COVER.

CAUTION :

In case of HD-61Z456, the 2 screws [D] are not used, and do not install screws in these screw holes by force.

NOTE:

Do not leave the BODY COVER removed for long time to prevent soiling from dust.

3.1.3.3 REMOVING THE MAIN UNIT (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.

(1) Remove the 4 screws **[F]**.
(2) Remove the BODY BRACKET.
(3) Remove the 2 screws **[G]**.
(4) The MAIN UNIT is pulled out to the back side.

CAUTION :

- **Except for confirmation of projection images on the screen and audio output through the speakers, the removed MAIN UNIT is still workable in the same state as if it is still built-in the TV set. Therefore, the MAIN UNIT can be removed, if necessary, for board diagnosis, electric testing, etc. apart from confirmation of screen images and audio output. Do not leave the MAIN UNIT removed for long time to prevent soiling from dust.**
- **Because of the large size, at least 2 persons are recommended for removal and reassemble.**
- **When carrying the MAIN UNIT, use care not to drop, shock or shake it.**
- **Do not stain or damage the projection lens.**
- **Do not look directly at the light during service.**
- **Do not touch the lamp directly as it presents a burn hazard.**

NOTE :

- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens is in contact with the cushion on the set (body) side.
- Make sure that FRONT LED PWB connector is completely connect to the RECEIVER PWB connector.
- When wire clamps are removed during work, use care to restore them precisely to their original positions.
  Performance can be affected if these are not returned to the original positions.

3.1.3.4 REMOVING THE POWER PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the POWER CORD.
(2) Remove the 5 screws **[H]**.
(3) Remove the POWER PWB.

3.1.3.5 REMOVING THE AV TERMINAL BOARD (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the POWER CORD.
(2) Remove the 3 screws **[J]** and the 5 screws **[K]**.
(3) Remove the 5 screws **[L]** and the nut attaching the ANTENNA TERMINAL.
(4) Remove the AV TERMINAL BOARD.

3.1.3.6 REMOVING THE REAR JACK PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 2 screws **[M]**.
(2) Remove the REAR JACK PWB.

3.1.3.7 REMOVING THE RECEIVER PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 4 screws **[N]**.
(2) Remove the PWB HOLDER.
(3) Remove the 1 screw **[P]**.
(4) Remove the ANALOG PWB BRACKET with PWB.
(5) Remove the 4 screws **[Q]**.
(6) Remove the RECEIVER PWB.

3.1.3.8 REMOVING THE ANALOG SIGNAL PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the PWB HOLDER.
- Remove the RECEIVER PWB.

(1) Remove the 2 screws **[R]**.
(2) Remove the ANALOG SIGNAL PWB.

3.1.3.9 REMOVING THE REGULATOR PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the PWB HOLDER.
- Remove the RECEIVER PWB.
  (1) Remove the 4 screws **[S]**.
  (2) Remove the REGULATOR PWB.

3.1.3.10 REMOVING THE DIGITAL SIGNAL PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the PWB HOLDER.
  (1) Remove the 1 screw **[T]**.
  (2) Remove the EARTH WIRE.
  (3) Remove the 1 screw **[U]**.
  (4) Remove the HANGER BRACKET with PWB.
  (5) Remove the 4 screws **[V]**.
  (6) Remove the DIGITAL SIGNAL PWB.

CAUTION :

Make sure to perform the "SYSTEM SETTEING" according to before page, when DIGITAL SIGNAL PWB is replaced.

3.1.3.11 REMOVING THE ATSC TUNER MODULE PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the PWB HOLDER.
- Remove the HANGER BRACKET.
  (1) Remove the 2 screws **[W]**.
  (2) Remove the SHIELD COVER.
  (3) Remove the 3 screws **[X]**.
  (4) Remove the ATSC TUNER MODULE PWB.

3.1.3.12 REMOVING THE SD CARD PWB (Fig.4)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the PWB HOLDER.
- Remove the HANGER BRACKET.
- Remove the SHIELD COVER.
  (1) Remove the 3 screws **[Y]**.
  (2) Remove the SD CARD PWB.

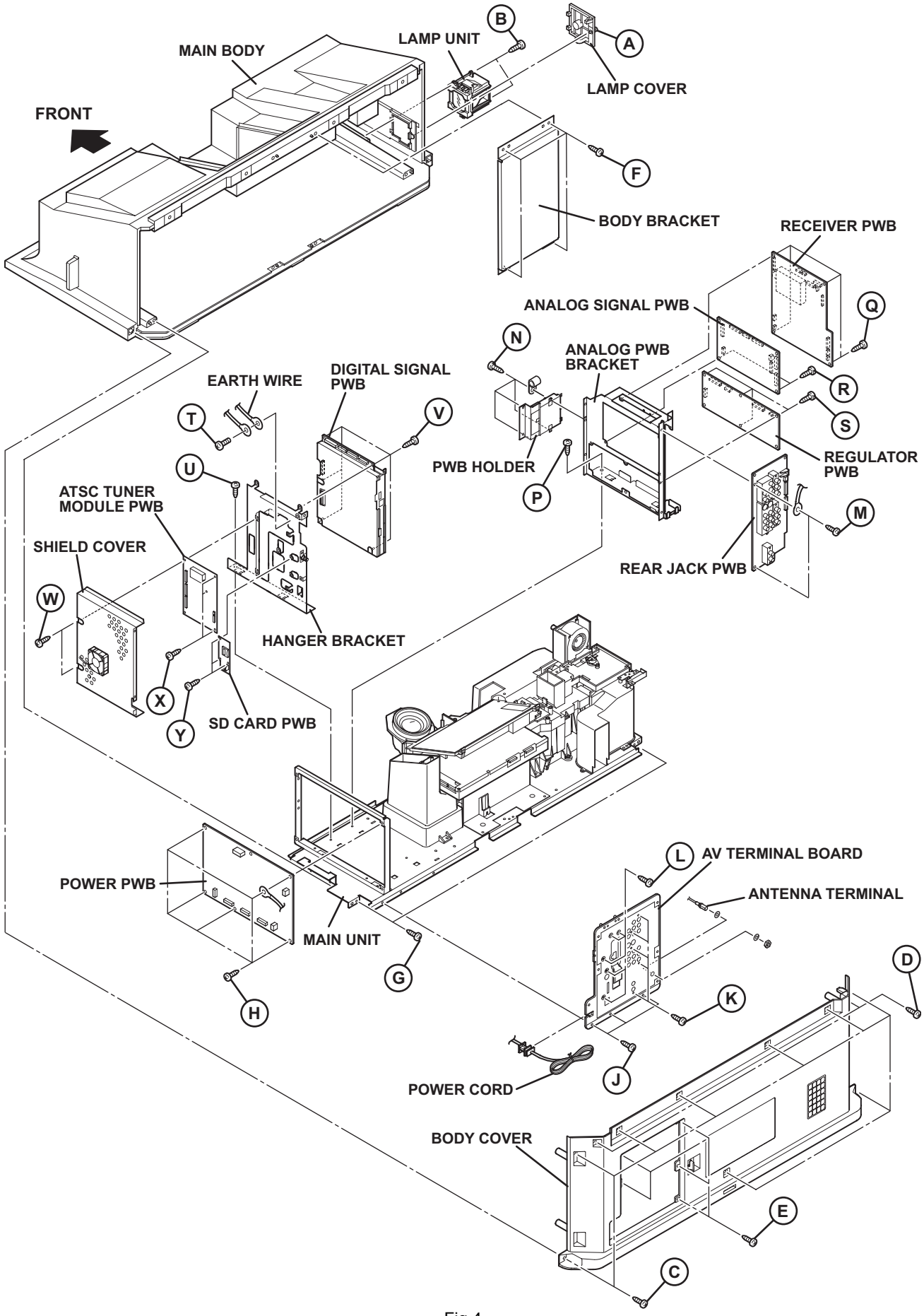

MAIN BODY
LAMP UNIT
B
A
LAMP COVER
FRONT
F
BODY BRACKET
RECEIVER PWB
ANALOG SIGNAL PWB
Q
N
ANALOG PWB BRACKET
R
S
REGULATOR PWB
PWB HOLDER
P
M
REAR JACK PWB
EARTH WIRE
DIGITAL SIGNAL PWB
T
V
U
ATSC TUNER MODULE PWB
SHIELD COVER
W
HANGER BRACKET
X
Y
SD CARD PWB
POWER PWB
MAIN UNIT
G
H
L
AV TERMINAL BOARD
ANTENNA TERMINAL
D
K
J
POWER CORD
BODY COVER
E
C

Fig.4

3.1.3.13 REMOVING THE LAMP COVER SW PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 2 screws **[A]**.
  (2) Remove the LAMP COVER SW BRACKET with PWB.
  (3) Remove the 1 screw **[B]**.
  (4) Remove the LAMP COVER SW PWB.

3.1.3.14 REMOVING THE FAN CONTROL PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 1 screw **[C]**.
  (2) Remove the FAN CONTROL PWB.

3.1.3.15 REMOVING THE THERMOSTAT (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 2 screws **[D]**.
  (2) Remove the THERMOSTAT.

3.1.3.16 REMOVING THE LAMP COOLING FAN-1 (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 2 screws **[F]**.
  (2) Remove the COOLING FAN BRACKET by pulling transversally.
  (3) Remove the 2 screws **[G]**.
  (4) Remove the LAMP COOLING FAN-1.

3.1.3.17 REMOVING THE LAMP COOLING FAN-2 (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the COOLING FAN BRACKET.
  (1) Remove the 2 screws **[H]**.
  (2) Remove the LAMP COOLING FAN-2.

3.1.3.18 REMOVING THE LAMP BALLAST BLOCK (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 1 screw **[J]**.
  (2) Remove the LAMP BALLAST BLOCK.
  (3) Remove the 2 screws **[K]**.
  (4) Remove the LAMP BALLAST DUCT.
  (5) Remove the 2 screws **[L]**.
  (6) Remove the LAMP BALLAST UNIT.

3.1.3.19 REMOVING THE OPTICAL / DRIVE ASS'Y (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the FAN CONTROL PWB.
  (1) Remove the 5 screws **[E]**.
  (2) Remove the LAMP FAN DUCT.
  (3) Remove the 5 screws **[M]**, 6 screws **[N]** and the 1 screw **[P]**.
  (4) Remove the OPTICAL / DRIVE ASS'Y.

NOTE:

- The OPTICAL / DRIVE ASS'Y contains precision optical components.
  Handle carefully and avoid imparting strong shock.
- OPTICAL / DRIVE ASS'Y construction
  (1) Optical block:
  (D-ILA device, PBS, Field lens, Integrater, Mirror etc.)
  (2) Projection lens
  (3) Optical base
  (4) MAIN DRIVE PWB
  (5) Top duct
  (6) Shield cover
- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens side is in contact with the cushion on the body side.
- Do not leave the OPTICAL / DRIVE ASS'Y removed for long time to prevent soiling from dust.

3.1.3.20 REMOVING THE MAIN DRIVE PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Slide the TOP DUCT PLATE and remove it.
  (2) Remove the 1 screw **[Q]** and the 1 screw **[R]**.
  (3) Remove the TOP DUCT.
  (4) Remove the SHIELD TOP CASE.
  (5) Remove the 2 screws **[S]**.
  (6) Remove the DEVICE SHIELD.
  (7) Remove the 3 screws **[T]** and the 1 screw **[U]**.
  (8) Remove the MAIN DRIVE PWB.

3.1.3.21 REMOVING THE PROJECTION LENS (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 4 screws **[V]**.
  (2) Remove the PROJECTION LENS.

3.1.3.22 REMOVING THE OPTICAL BLOCK COOLING FAN (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the FAN CONTROL PWB.
- Remove the LAMP FAN DUCT.
- Remove the OPTICAL / DRIVE ASS'Y.
  (1) Remove the 2 screws **[W]**.
  (2) Remove the SIROCCO TOP CASE.
  (3) Remove the 2 screws **[X]**.
  (4) Remove the OPTICAL BLOCK COOLING FAN.

3.1.3.23 REMOVING THE REMOTE SENSOR PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 1 screw **[Y]**.
  (2) Remove the REMOTE SENSOR PWB.

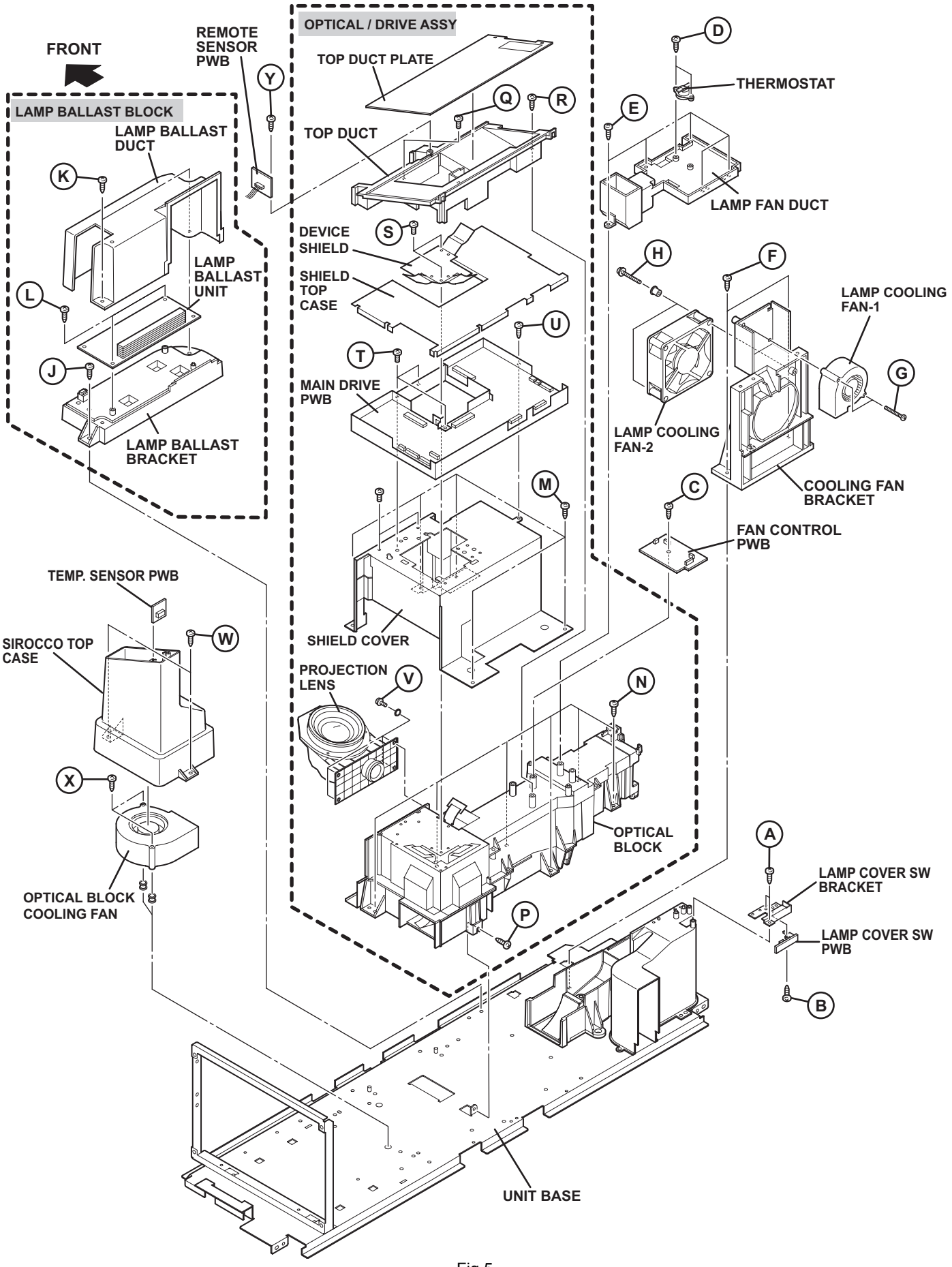

FRONT
REMOTE SENSOR PWB
Y
OPTICAL / DRIVE ASSY
TOP DUCT PLATE
Q
R
D
THERMOSTAT
E
LAMP BALLAST BLOCK
LAMP BALLAST DUCT
TOP DUCT
K
LAMP FAN DUCT
DEVICE SHIELD
S
H
F
LAMP COOLING FAN-1
SHIELD TOP CASE
LAMP BALLAST UNIT
L
U
T
G
J
MAIN DRIVE PWB
LAMP COOLING FAN-2
LAMP BALLAST BRACKET
M
C
COOLING FAN BRACKET
FAN CONTROL PWB
TEMP. SENSOR PWB
SIROCCO TOP CASE
W
SHIELD COVER
PROJECTION LENS
V
N
X
OPTICAL BLOCK
A
LAMP COVER SW BRACKET
OPTICAL BLOCK COOLING FAN
P
LAMP COVER SW PWB
B
UNIT BASE

Fig.5

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC LIST

Simbol	Number of pins	Mounting PWB	Main content of data
IC4003	32-pin	DIGITAL SIGNAL PWB	Progaram (Video process) of IC4001(DIST) is memorized.
IC4004	8-pin	DIGITAL SIGNAL PWB	Setting value of IC4001(DIST) is memorized.
IC7002	8-pin	DIGITAL SIGNAL PWB	Setting value of IC7001(SUB [CHASSIS] CPU) is memorized.
IC7602	8-pin	DIGITAL SIGNAL PWB	Setting value of IC7601(MAIN CPU) is memorized.

3.2.2 MEMORY IC REPLACEMENT PROCEDURE

1. Power off
Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC
Be sure to use the memory IC written with the initial setting values.

3. Power on
Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.3 SERVICE MODE SETTING

■SERVICE MODE SCREEN

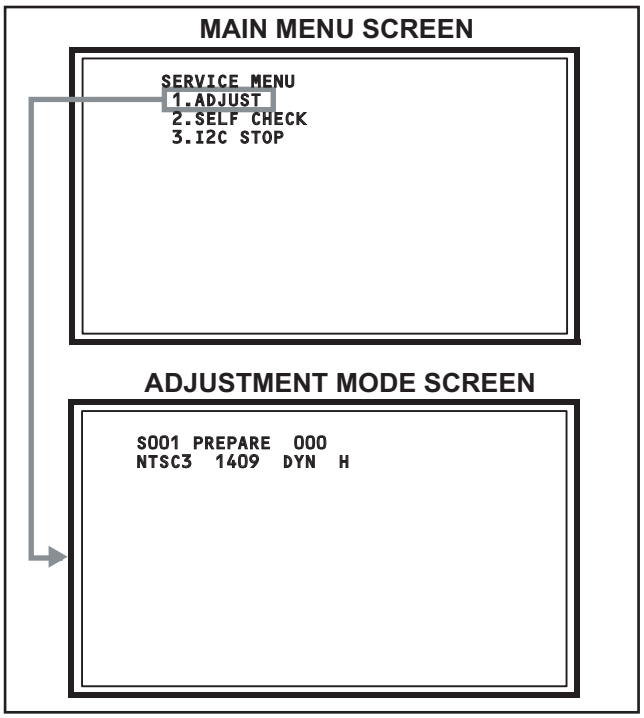


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Adjust	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main CPU system setting	Fixed	Z001 - Z010

3.2.4 SETTINGS OF FACTORY SHIPMENT

3.2.4.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	CABLE-02
VOLUME	10
INPUT	TV

3.2.4.2 REMOTE CONTROL DIRECT OPERATION

Setting item		Setting position
INPUT		TV
CHANNEL		CABLE-02
VOLUME		10
MUTING		OFF
DISPLAY		OFF
ASPECT	NTSC	PANORAMA
	HD	FULL
SLEEP TIMER		OFF
THEATER PRO		OFF
VIDEO STATUS		DYNAMIC
NATURAL CINEMA		AUTO
C.C.		OFF
MTS		STEREO
TWIN SOURCE	LEFT SIDE	CABLE-02
	RIGHT SIDE	INPUT-1
SOUND	HYPER SURROUND	OFF

3.2.4.3 REMOTE CONTROL MENU OPERATION

■ PICTURE ADJUST

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

[NTSC MODE]

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	+10	00	-10	00
BRIGHT	00	00	00	00
COLOR	00	00	00	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
COLOR TEMPERATURE	LOW	LOW	HIGH	HIGH
DIG. NOISE CLEAR	AUTO	AUTO	AUTO	AUTO
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON
SMART PICTURE	OFF	ON	ON	ON

[HD MODE]

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	+10	00	-10	00
BRIGHT	00	00	00	00
COLOR	00	00	00	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
COLOR TEMPERATURE	LOW	LOW	HIGH	LOW
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON
SMART PICTURE	OFF	ON	ON	ON

■ SOUND ADJUST

Setting item	Setting position
BASS	00
TREBLE	00
BALANCE	00

■ CLOCK / TIMERS

Setting item	Setting position
ON / OFF TIMER	NO

■ INITIAL SETUP

Setting item	Setting position
DIGITAL-IN	AUTO
DIGITAL-IN AUDIO	AUTO
NOISE MUTING	ON
FRONT PANEL LOCK	OFF
VIDEO INPUT LABEL	All blank
POSITION ADJUSTMENT	Center
POWER INDICATOR	HIGH
LANGUAGE	ENG.
CLOSED CAPTION	OFF
AUTO SHUT OFF	OFF
XDS ID	ON
V-CHIP	OFF
AUTO DEMO	OFF

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

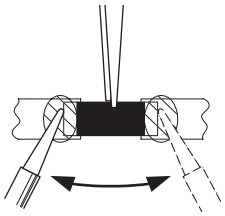
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

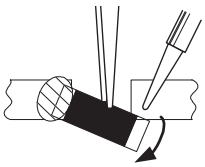
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



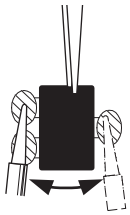
(2) Shift with the tweezers and remove the chip part.



[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.

(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

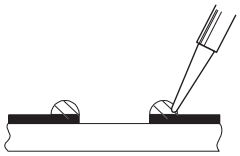


NOTE :
After removing the part, remove remaining solder from the pattern.

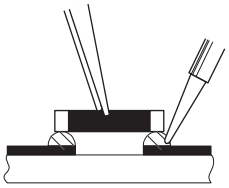
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

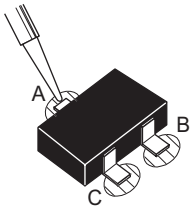


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

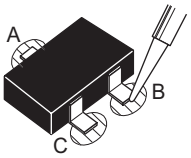


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings
VIDEO STATUS	STANDARD
Picture adjustments	00
COLOR TEMPERATURE	LOW
DIG. NOISE CLEAR	OFF
COLOR MANAGEMENT	ON
DYNAMIC GAMMA	ON
NATURAL CINEMA	AUTO
Sound adjustments	00
HYPER SURROUND	OFF
ASPECT	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator) [NTSC / 525i / 525p / 750p / 1125i]
- Hexagon wrench
- TV audio multiplex signal generator
- Remote control unit

4.4 ADJUSTMENT ITEMS

■ **FOCUS**
- LENS FOCUS adjustment

■ **DRIVE CIRCUIT**
- DRIVE CONVERGENCE adjustment
- DRIVE CENTER POSITION adjustment

■ **VIDEO CIRCUIT**
- 525i A-D OFFSET adjustment
- 1125i BRIGHTNESS adjustment
- 1125i A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGHLIGHT) adjustment

■ **MTS CIRCUIT**
- MTS INPUT LEVEL adjustment
- MTS SEPARATION adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Set to 0 minutes using the **[SLEEP TIMER]** key.

(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE (Fig.1)

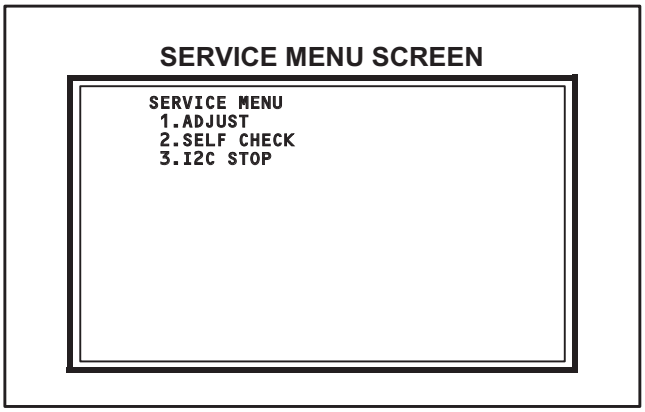


Fig.1

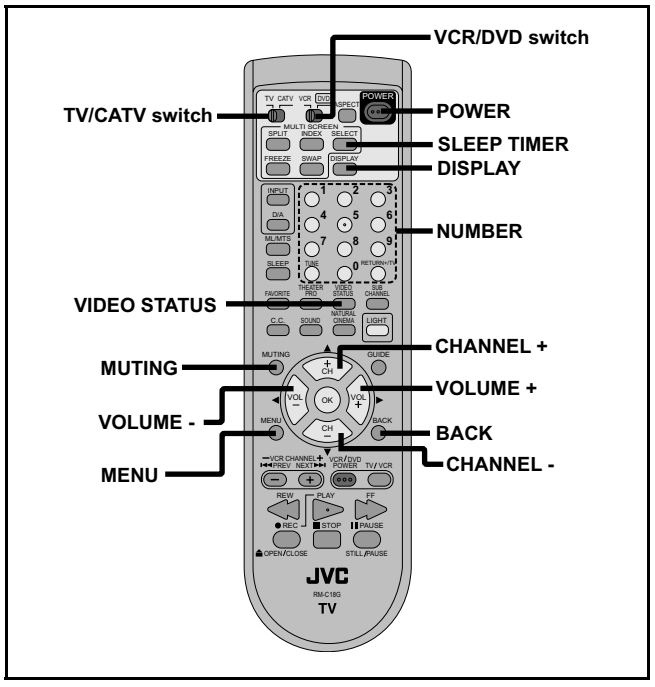
NOTE:

- Before entering the SERVICE MODE, confirm that the setting of **TV/CATV** switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of **VCR/DVD** switch is at the "**VCR**" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the **[1]** or **[9]** keys is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

4.5.2 HOW TO EXIT THE SERVICE MODE

Press the **[BACK]** key to exit the Service mode.

4.5.3 SERVICE MODE SELECT KEY LOCATION



4.5.4 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT and the MTS CIRCUIT.

4.5.4.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[1]** key to enter the **ADJUSTMENT MODE (Fig.2)**.

4.5.4.2 DESCRIPTION OF STATUS DISPLAY OF ADJUSTMENT MODE

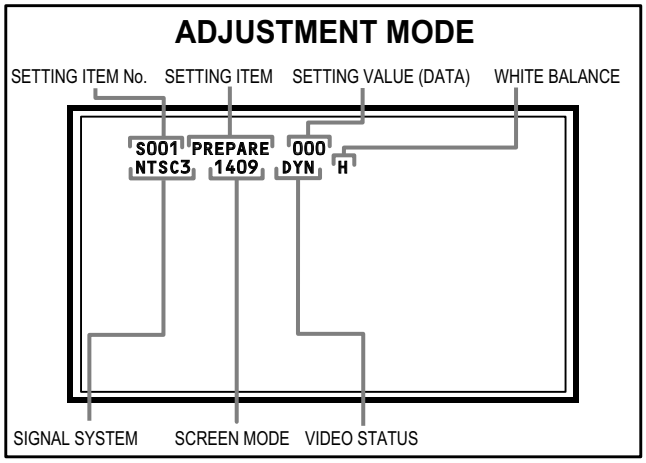


Fig.2

(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

NTSC3	: 525i (Composite / S-video input)
525I	: 525i (Component input)
525P	: 525p
1125I6	: 1125i
750P	: 750p
H525I	: HDMI 525i
H525P	: HDMI 525p
H125I6	: HDMI 1125i
H750P	: HDMI 750p
D525I	: ATSC 525i
D525P	: ATSC 525p
D125I6	: ATSC 1125i

(2) SCREEN MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

FULL	: FULL
1609	: CINEMA, CINEMA ZOOM
PANO	: PANORAMA, HD PANORAMA
REGU	: REGULAR

MULTI SCREEN

M2	: TWIN, FREEZE screen
M12	: INDEX screen

(3) VIDEO STATUS

STD : STANDARD
DYN : DYNAMIC
TH : THEATER
GAME : GAME

(4) WHITE BALANCE

H : HIGH
L : LOW

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S039	Video system setting
T001 - T010	Audio system setting
P001 - P010	Panel control system setting
D001 - D187	Drive system setting
Z001 - Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4.3 CHANGE AND MEMORY OF SETTING VALUE

■SELECTION OF SETTING ITEM

- **[CH+]** / **[CH-]** key.
  Change the setting items up/ down.

  S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

- **[SLEEP TIMER]** key.
  Switches to the next items.

  S001 → T001 → P001 → D001 → Z001

■CHANGE OF SETTING VALUE (DATA)

- **[VOL+]** / **[VOL-]** key.
  Change the setting values up/down.

■MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing **[MUTING]** key.

4.5.5 RGB BOX PATTERN MODE

This mode is used to adjust the DRIVE CIRCUIT.

4.5.5.1 HOW TO ENTER THE RGB BOX PATTERN MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[9]** key to enter the **RGB BOX PATTERN MODE (Fig3)**.

4.5.5.2 DESCRIPTION OF STATUS DISPLAY OF RGB BOX PATTERN MODE

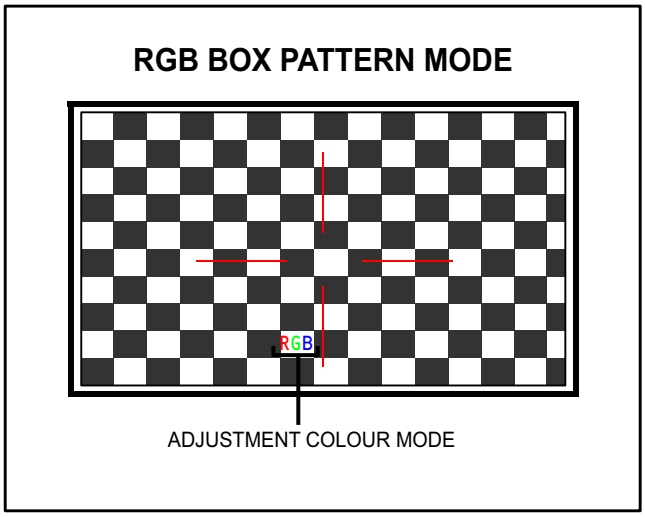


Fig.3

(1) ADJUSTMENT COLOR MODE

Presently selected ADJUSTMENT COLOR MODE is displayed.

■SELECTION OF SETTING ITEM

- **[CH+]** / **[CH-]** key.
  Move the selected RGB BOX PATTERN up/ down pixel by pixel.

- **[VOL+]** / **[VOL-]** key.
  Move the selected RGB BOX PATTERN left/ right pixel by pixel.

- **[SLEEP TIMER]** key.
  Adjusts the data reset.

- **[DISPLAY]** key.
  Adjusts the selected RGB BOX PATTERN.

  R → B → RGB

- **[BACK]** key.
  Returns to the SERVICE MENU SCREEN from the RGB BOX PATTERN MODE.

■MEMORY OF SETTING VALUE (DATA)

With the RGB BOX PATTERN MODE, the changed date is written in the MEMORY instantly.

4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item	Variable range	Setting value
S001	PREPARE	000 - 031	000
S002	NTSC BL	000 - 015	001
S003	NTSC CNT	000 - 255	045
S004	NT CR OF	000 - 015	006
S005	NT CB OF	000 - 015	005
S006	525i BL	000 - 015	001
S007	525i CNT	000 - 255	045
S008	5i CB OF	000 - 015	015
S009	5i CR OF	000 - 015	015
S010	5i CR GN	000 - 015	006
S011	5i CB GN	000 - 015	005
S012	HD BL	000 - 063	054
S013	HD CB OF	000 - 063	053
S014	HD CR OF	000 - 063	058
S015	RT CONT	000 - 015	008
S016	RT CB OF	000 - 015	002
S017	RT CR OF	000 - 015	005
S018	RT CL GA	000 - 015	008
S019	PC CL MB	000 - 007	000
S020	PC CL LB	000 - 031	000
S021	PC CL MR	000 - 007	000
S022	PC CL LR	000 - 031	000
S023	(Not display)	000 - 255	000
S024	(Not display)	000 - 255	000
S025	(Not display)	000 - 255	000
S026	(Not display)	000 - 255	000
S027	(Not display)	000 - 255	000
S028	(Not display)	000 - 255	000
S029	(Not display)	000 - 255	000
S030	R DRIVE	000 - 255	128
S031	G DRIVE	000 - 255	128
S032	B DRIVE	000 - 255	128
S033	(Not display)	000 - 255	000
S034	(Not display)	000 - 255	000
S035	(Not display)	000 - 255	000
S036	(Not display)	000 - 255	000
S037	(Not display)	000 - 255	000
S038	(Not display)	000 - 255	000
S039	ILA COM	000 - 001	000

4.6.2 AUDIO SYSTEM SETTING

Item No.	Item	Variable range	Setting value
T001	IN LEVEL	000 - 015	008
T002	LOW SEP	000 - 063	034
T003	HIGH SEP	000 - 063	023
T004	AFC	000 - 255	000
T005	(Not display)	000 - 255	000
T006	ATT V ON	000 - 001	000
T007	ATT U ON	000 - 001	000
T008	ATT C ON	000 - 001	000
T009	(Not display)	000 - 255	000
T010	(Not display)	000 - 255	000

4.6.3 PANEL CONTOROL SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
P001	TM HOR H	00 - FF	00
P002	TM HOR L	00 - FF	00
P003	TM MIN	00 - FF	00
P004	TEMP	000 - 255	000
P005	(Not display)	000 - 255	000
P006	(Not display)	000 - 255	000
P007	(Not display)	000 - 255	000
P008	(Not display)	000 - 255	000
P009	(Not display)	000 - 255	000
P010	(Not display)	000 - 255	000

4.6.4 DRIVE SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
D001	SLV GN	00 - 3F	11
D002	SLVH GN	00 - 3F	1E
D003	SLH GN	00 - 3F	1E
D004	SLV Pf	00 - 03	01
D005	SLH Pf H	00 - 01	01
D006	SLH Pf L	00 - 03	01
D007	SL EGCON	00 - 3F	06
D008	SL EGONF	00 - 01	01
D009	SL CRGON	00 - 3F	0A
D010	SL CRGON	00 - 01	01
D011	SL ON OF	00 - 01	01
D012	SV GN	00 - 3F	0E
D013	SVH GN	00 - 3F	14
D014	SH GN	00 - 3F	16
D015	SV Pf	00 - 03	02
D016	SV PfH	00 - 01	01
D017	SV PfL	00 - 03	02
D018	SYL CON	00 - 3F	30
D019	SYL CONF	00 - 01	01

Item No.	Item	Variable range	Setting value
D020	SYH CON	00 - 3F	30
D021	SYH CONF	00 - 01	01
D022	SC CON	00 - 3F	26
D023	SC CNONF	00 - 01	01
D024	SPM BLC	00 - 3F	00
D025	SPM BLCO	00 - 01	01
D026	SLIM	00 - 3F	30
D027	SLIMONF	00 - 01	01
D028	SCRG	00 - 3F	02
D029	SRGONF	00 - 01	01
D030	S ONF	00 - 01	01
D031	pb GN	00 - 3F	12
D032	pb PfH	00 - 01	00
D033	pb PfL	00 - 03	03
D034	pb CRG	00 - 3F	16
D035	pb CRGON	00 - 01	01
D036	pb ONF	00 - 01	01
D037	pr GN	00 - 3F	12
D038	pr PfH	00 - 01	00
D039	pr PfL	00 - 03	03
D040	pr CRG	00 - 3F	12
D041	pr CRGON	00 - 01	01
D042	pr ONF	00 - 01	01
D043	ENH ONF	00 - 01	01
D044	(Not display)	00 - FF	00
D045	(Not display)	00 - FF	00
D046	(Not display)	00 - FF	00
D047	(Not display)	00 - FF	00
D048	(Not display)	00 - FF	00
D049	(Not display)	00 - FF	00
D050	(Not display)	00 - FF	00
D051	(Not display)	00 - FF	00
D052	(Not display)	00 - FF	00
D053	(Not display)	00 - FF	00
D054	(Not display)	00 - FF	00
D055	(Not display)	00 - FF	00
D056	(Not display)	00 - FF	00
D057	(Not display)	00 - FF	00
D058	(Not display)	00 - FF	00
D059	(Not display)	00 - FF	00
D060	(Not display)	00 - FF	00
D061	(Not display)	00 - FF	00
D062	(Not display)	00 - FF	00
D063	(Not display)	00 - FF	00
D064	(Not display)	00 - FF	00
D065	(Not display)	00 - FF	00
D066	(Not display)	00 - FF	00
D067	(Not display)	00 - FF	00
D068	(Not display)	00 - FF	00
D069	(Not display)	00 - FF	00

Item No.	Item	Variable range	Setting value
D070	(Not display)	00 - FF	00
D071	(Not display)	00 - FF	00
D072	(Not display)	00 - FF	00
D073	(Not display)	00 - FF	00
D074	(Not display)	00 - FF	00
D075	(Not display)	00 - FF	00
D076	(Not display)	00 - FF	00
D077	(Not display)	00 - FF	00
D078	(Not display)	00 - FF	00
D079	(Not display)	00 - FF	00
D080	(Not display)	00 - FF	00
D081	(Not display)	00 - FF	00
D082	(Not display)	00 - FF	00
D083	(Not display)	00 - FF	00
D084	(Not display)	00 - FF	00
D085	(Not display)	00 - FF	00
D086	(Not display)	00 - FF	00
D087	(Not display)	00 - FF	00
D088	(Not display)	00 - FF	00
D089	(Not display)	00 - FF	00
D090	(Not display)	00 - FF	00
D091	(Not display)	00 - FF	00
D092	(Not display)	00 - FF	00
D093	(Not display)	00 - FF	00
D094	(Not display)	00 - FF	00
D095	(Not display)	00 - FF	00
D096	(Not display)	00 - FF	00
D097	(Not display)	00 - FF	00
D098	(Not display)	00 - FF	00
D099	(Not display)	00 - FF	00
D100	(Not display)	00 - FF	00
D101	(Not display)	00 - FF	00
D102	(Not display)	00 - FF	00
D103	(Not display)	00 - FF	00
D104	(Not display)	00 - FF	00
D105	(Not display)	00 - FF	00
D106	(Not display)	00 - FF	00
D107	(Not display)	00 - FF	00
D108	(Not display)	00 - FF	00
D109	(Not display)	00 - FF	00
D110	(Not display)	00 - FF	00
D111	(Not display)	00 - FF	00
D112	(Not display)	00 - FF	00
D113	(Not display)	00 - FF	00
D114	(Not display)	00 - FF	00
D115	(Not display)	00 - FF	00
D116	(Not display)	00 - FF	00
D117	(Not display)	00 - FF	00
D118	(Not display)	00 - FF	00
D119	(Not display)	00 - FF	00

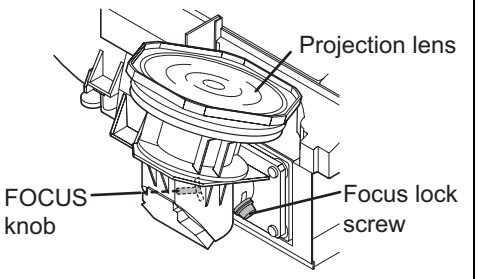
Item No.	Item	Variable range	Setting value
D120	(Not display)	00 - FF	00
D121	(Not display)	00 - FF	00
D122	(Not display)	00 - FF	00
D123	(Not display)	00 - FF	00
D124	(Not display)	00 - FF	00
D125	(Not display)	00 - FF	00
D126	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D128	(Not display)	00 - FF	00
D129	(Not display)	00 - FF	00
D130	(Not display)	00 - FF	00
D131	(Not display)	00 - FF	00
D132	(Not display)	00 - FF	00
D133	(Not display)	00 - FF	00
D134	(Not display)	00 - FF	00
D135	(Not display)	00 - FF	00
D136	(Not display)	00 - FF	00
D137	(Not display)	00 - FF	00
D138	(Not display)	00 - FF	00
D139	(Not display)	00 - FF	00
D140	(Not display)	00 - FF	00
D141	(Not display)	00 - FF	00
D142	(Not display)	00 - FF	00
D143	(Not display)	00 - FF	00
D144	(Not display)	00 - FF	00
D145	(Not display)	00 - FF	00
D146	(Not display)	00 - FF	00
D147	(Not display)	00 - FF	00
D148	(Not display)	00 - FF	00
D149	(Not display)	00 - FF	00
D150	(Not display)	00 - FF	00
D151	(Not display)	00 - FF	00
D152	(Not display)	00 - FF	00
D153	(Not display)	00 - FF	00
D154	(Not display)	00 - FF	00
D155	(Not display)	00 - FF	00
D156	(Not display)	00 - FF	00
D157	(Not display)	00 - FF	00
D158	(Not display)	00 - FF	00
D159	(Not display)	00 - FF	00
D160	(Not display)	00 - FF	00
D161	(Not display)	00 - FF	00
D162	(Not display)	00 - FF	00
D163	(Not display)	00 - FF	00
D164	(Not display)	00 - FF	00
D165	(Not display)	00 - FF	00
D166	(Not display)	00 - FF	00
D167	(Not display)	00 - FF	00
D168	(Not display)	00 - FF	00
D169	(Not display)	00 - FF	00
D170	(Not display)	00 - FF	00
D171	(Not display)	00 - FF	00
D172	(Not display)	00 - FF	00
D173	(Not display)	00 - FF	00
D174	(Not display)	00 - FF	00
D175	(Not display)	00 - FF	00
D176	(Not display)	00 - FF	00
D177	(Not display)	00 - FF	00
D178	(Not display)	00 - FF	00
D179	(Not display)	00 - FF	00
D180	(Not display)	00 - FF	00
D181	(Not display)	00 - FF	00
D182	(Not display)	00 - FF	00
D183	(Not display)	00 - FF	00
D184	(Not display)	00 - FF	00
D185	(Not display)	00 - FF	00
D186	(Not display)	00 - FF	00
D187	(Not display)	00 - FF	00

4.6.5 MAIN CPU SYSTEM SETTING (Fixed values)

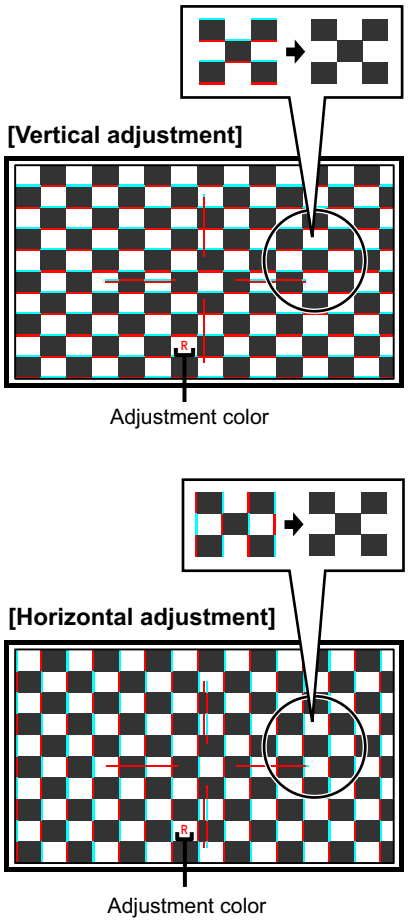
Item No.	Item	Variable range	Setting value
Z001	(Not display)	00 - FF	00
Z002	(Not display)	00 - FF	00
Z003	(Not display)	00 - FF	00
Z004	(Not display)	00 - FF	00
Z005	(Not display)	00 - FF	00
Z006	(Not display)	00 - FF	00
Z007	(Not display)	00 - FF	00
Z008	(Not display)	00 - FF	00
Z009	(Not display)	00 - FF	00
Z010	(Not display)	00 - FF	00

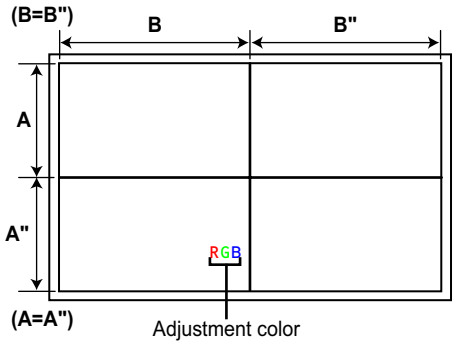
4.7 ADJUSTMENT PROCEDURE

4.7.1 FOCUS

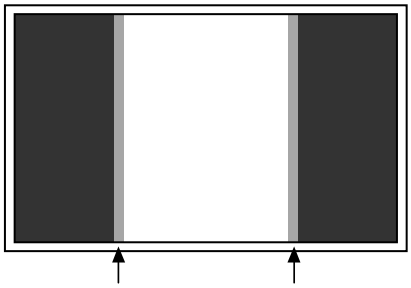
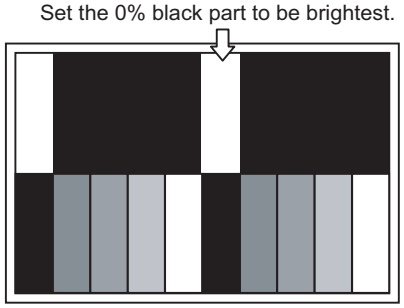
Item	Measuring instrument	Test point	Adjustment part	Description
LENS FOCUS	Hexagon wrench		FOCUS knob [PROJECTION LENS]	(1) Remove the SPEAKER GRILL and CENTER PANEL. (2) Display the MENU screen. (3) Loosen the focus lock screw. (4) Adjust the **FOCUS knob** so that the center screen may become the best focus. (5) Fix the focus lock screw by using the Hexagon wrench. • On this occasion, hold the FOCUS knob with your left hand. (6) Confirm the whole focus of the best screen. (7) Install the CENTER PANEL and SPEAKER GRILL.
				

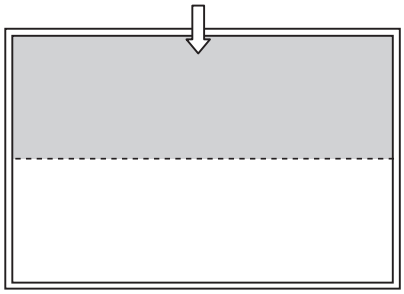
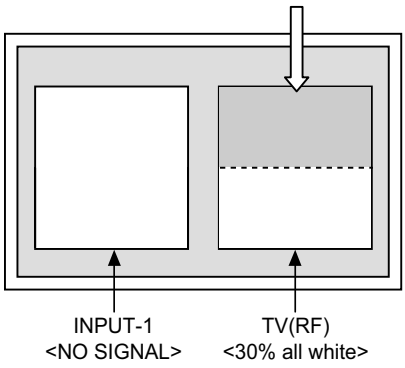
4.7.2 DRIVE CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
DRIVE CONVERGENCE	Remote control unit		[9.RGB BOX PATTERN]	(1) Set to **"0 minutes"** using the **[SLEEP TIMER]** key. (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, to enter the SERVICE MODE. (3) Press the **[9]** key, to select "**RGB BOX PATTERN MODE**" from the SERVICE MODE. (4) Set the adjustment color mode to "R" to set the red color adjustment mode. (5) Adjust to minimize the vertical color drift of RGB box pattern. (6) Adjust to minimize the horizontal color drift of RGB box pattern. (7) Set the adjustment color mode to "B" to set the blue color adjustment mode. (8) Repeat the step 5. to 6. as above. **NOTE:** • Green is fixed. (It can not be removed.) • With this adjustment mode, the changed data is written in the MEMORY instantly.
				

Item	Measuring instrument	Test point	Adjustment part	Description
DRIVE CENTER POSITION	Remote control unit Signal generator		[9.RGB BOX PATTERN]	(1) Receive a center cross (or crosshatch) pattern. (2) Set to **"0 minutes"** using the **[SLEEP TIMER]** key. (3) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, to enter the SERVICE MODE. (4) Press the **[9]** key, to select "**RGB BOX PATTERN MODE**" from the SERVICE MODE. (5) Set the adjustment color mode to "RGB" to set the display position adjustment mode. (6) Adjust the top and the bottom width to make **A** and **A"** even. (7) Adjust the left and the right width to make **B** and **B"** even. **NOTE:** • With this adjustment mode, the changed data is written in the MEMORY instantly.
				

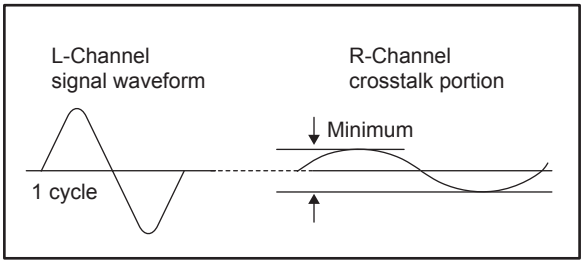
4.7.3 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
525i A-D OFFSET	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S008: 5i CB OF(525i Cb offset) S009: 5i CR OF(525i Cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 525i component ramp pattern. (2) Set "VIDEO STATUS" to **"STANDARD"**. (3) Set "ASPECT" to **"FULL"**. (4) Set "COLOR TEMPERATURE" to **"LOW"**. (5) Select **"1.ADJUST"** from the SERVICE MODE. (6) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"128"**. (7) Set **< S001 >** (adjustment setting mode change) to set **"008"** and it change to the 525i A-D offset adjustment setting mode. (8) Adjust **< S008 >** (525i Cb offset) and **< S009 >** (525i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen. (9) Set **< S001 >** to set **"000"** and it change to the normal mode. (10) Press the **[MUTING]** key to memoirze the set value.
				
1125i BRIGHTNESS	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i gray scale pattern. (2) Set "VIDEO STATUS" to **"STANDARD"**. (3) Set "ASPECT" to **"FULL"**. (4) Set "COLOR TEMPERATURE" to **"LOW"**. (5) Select **"1.ADJUST"** from the SERVICE MODE. (6) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"128"**. (7) Set **< S001 >** (adjustment setting mode change) to set the values **"012"** and it change to the 1125i black level adjustment setting mode. (8) Adjust **< S012 >** (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set **< S001 >** to set **"000"** and it change to the normal mode. (10) Press the **[MUTING]** key to memoirze the set value.
				

Item	Measuring instrument	Test point	Adjustment part	Description
1125i A-D OFFSET Minimize the red and blue noises in the upper half of the screen. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i Cb offset) S014: HD CR OF(1125i Cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i 30% all white pattern. (2) Set "VIDEO STATUS" to **"STANDARD"**. (3) Set "ASPECT" to **"FULL"**. (4) Set "COLOR TEMPERATURE" to **"LOW"**. (5) Select **"1.ADJUST"** from the SERVICE MODE. (6) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"128"**. (7) Set **< S001 >** (adjustment setting mode change) to set **"013"** and it change to the 1125i A-D offset adjustment setting mode. (8) Adjust **< S013 >** (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust **< S014 >** (1125i Cr offset) to minimize the red noise in the upper half of the screen. (10) Set **< S001 >** to set **"000"** and it change to the normal mode. (11) Press the **[MUTING]** key to memoirze the set value.
SUB SCREEN A-D OFFSET Set the 0% block part to be brightest.  	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF (Sub screen Cb offset) S017: RT CR OF (Sub screen Cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Set "VIDEO STATUS" to **"STANDARD"**. (2) Set "ASPECT" to **"FULL"**. (3) Set "COLOR TEMPERATURE" to **"LOW"**. (4) Set "MULTI SCREEN" to **"TWIN"**. (5) Receive a NTSC 30% all white pattern on the right screen. At the same time, set the left screen in INPUT-1 mode (No signal). (6) Select **"1.ADJUST"** from the SERVICE MODE. (7) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"128"**. (8) Set **< S001 >** (adjustment setting mode change) to set **"016"** and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust **< S016 >** (Sub screen Cb offset) to minimize the blue noise in the upper half of the right screen. **If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.** (10) Adjust **< S017 >** (Sub screen Cr offset) to minimize the red noise in the upper half of the right screen. (11) Readjust **< S016 >** and **< S017 >** to set the upper half of the screen to be the blackest. (12) Set **< S001 >** to set **"000"** and it change to the normal mode. (13) Press the **[MUTING]** key to memoirze the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	(1) Receive a NTSC 75% all white pattern. (2) Set "VIDEO STATUS" to **"STANDARD"**. (3) Set "ASPECT" to **"FULL"**. (4) Select "COLOR TEMPERATURE" to **"LOW"**. (5) Select **"1.ADJUST"** from the SERVICE MODE. (6) Adjust to keep one of **< S030 >** (Red drive), **< S031 >** (Green drive) or **< S032 >** (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. **NOTE:** Set one or more of **< S030 >**, **< S031 >**, and **< S032 >** to **"128"**. (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the **[MUTING]** key to memoirze the set value.

4.7.4 MTS CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL	Remote control unit		[1.ADJUST] T001: IN LEVEL	(1) Receive the any broadcast. (2) Select **"1.ADJUST"** from the SERVICE MODE. (3) Verify that the **< T001 >** (IN LEVEL) is set at its initial setting value. (4) Press the **[MUTING]** key to memorize the set value.
MTS SEPARATION	TV audio multiplex signal generator Oscilloscope Remote control unit	L OUT R OUT	[1.ADJUST] T002: LOW SEP T003: HI SEP	(1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to **L OUT** pin of the **AUDIO OUT**, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUT pin of the **AUDIO OUT**, and enlarge the voltage axis. (4) Select **"1.ADJUST"** from the SERVICE MODE. (5) Set the initial setting value of the **< T002 >** (LOW SEP). (6) Adjust the **< T002 >** so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust the **< T003>** (HI SEP). (8) Press the **[MUTING]** key to memorize the set value.
				

SECTION 5
TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I^2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the Self check Display mode, confirm that the setting of **TV/CATV** SW of the REMOTE CONTROL UNIT is at the **"TV"** side and the setting of **VCR/DVD** SW is at the **"VCR"** side. If the switches have not been properly set, you cannot enter the Self check Display mode.

(1) Set to "**0 minutes**" using the **[SLEEP TIMER]** key.
(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the service mode.
(3) Press the **[2]** key (SELF CHECK) before the service mode screen disappears.
(4) Press the **[SLEEP TIMER]** key to enter Page 2 of the SELF CHECK MODE.
- When the **[RETURN+]** key pressed, the first page change screen.

NOTE:

When a number key other than the **[2]** key is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
This is not used in the SELF CHECK. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

TO SAVE FAILURE HISTORY:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

TO CLEAR (RESET) FAILURE HISTORY:

Turn off the power by pressing the [**POWER]** key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I^2C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.

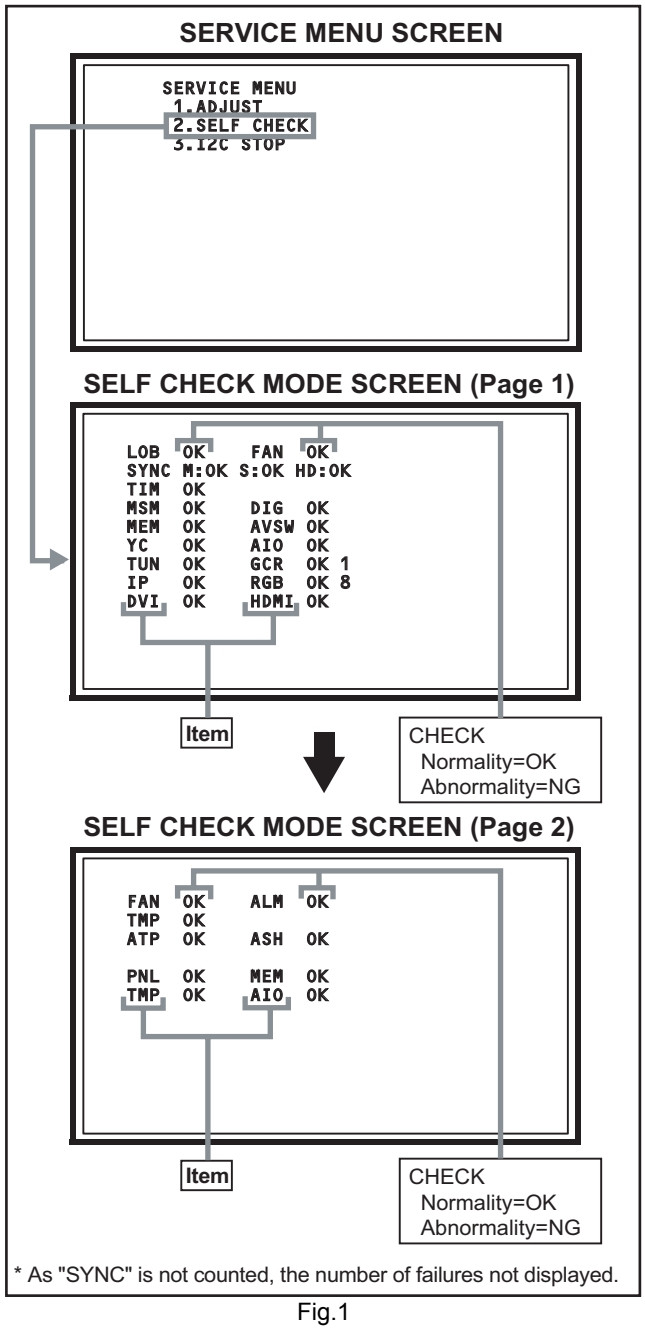


Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirm the operation of the low bais (5V / 9V) protection circuit. **Q2801, Q2802 [REGULATOR PWB]**	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Fan lock	FAN	Confirm the operation of the cooling fan. **IC8005 [FAN CONTROL PWB]**	FAN_LOCK	Detection starts 3 seconds after the power is turned on. If error continues between 250ms the power is turned off.
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal **IC201 [ANALOG SIGNAL PWB]**	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	---
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with Chassis CPU. **IC7601 [DIGITAL SIGNAL PWB]**	WAKE	If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted.
Digital tuner	DIG	Not used.	---	---
Main memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. **IC7602 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
AV select switch	AVSW	Same as above. **IC301, IC501 [ANALOG SIGNAL PWB]**	SDA	Same as above.
3 dimensions YC separator	YC	Same as above. **IC1001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
Multi sound process	AIO	Same as above. **IC1140 [RECEIVER PWB]**	SDA	Same as above.
RF tuner	TUN	Same as above. **TU1101 [RECEIVER PWB]**	SDA	Same as above.
Ghost reduction	GCR	Not used.	---	---
DIST process	IP	Confirmation of reply of ACK signal which uses I^2C communication. **IC3001 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Same as above. **IC4001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
DVI (Digital communication)	DVI	Not used.	---	---
Digital input	HDMI	Confirmation of reply of ACK signal which uses I^2C communication.	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.

< Page 2 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Not used.	---	---
Abnormal of operation of PANEL	ALM	Not used.	---	---
Abnormal rise oftemperature in PANEL	TMP	Not used.	---	---
Abnormal rise of temperature in AUDIO PWB	ATP	Not used.	---	---
Short circuit detection of AUDIO PWB	ASH	Not used.	---	---
Panel communication	PNL	Not used.	---	---
Sub memory	MEM	Not used.	---	---
Temp. sensor	TMP	Not used.	---	---
Audio control	AIO	Not used.	---	---

5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

In a state where a display screen does not appear due to the failure of this unit, the POWER LED (blue) and LAMP LED (orange) can light up and display a trouble mode.
The factors in case the power is forcibly shut down at the time of failure are memorized and those are displayed.

Check item	Contents	Classifications	LED flash cycle	
			POWER LED	LAMP LED
Lamp does not light up	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) CN311 **[MAIN DRIVE PWB]**	3	0.1 sec interval Simultaneously	
Lamp goes out	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) CN311 **[MAIN DRIVE PWB]**	3	0.1 sec interval Simultaneously	
Lamp cover open	Detection of the interlock switch status for the lamp cover. (H = Abnormal) S0201 **[LAMP COVER SW PWB]**	3	0.1 sec interval Simultaneously	
Abnormal DD CPU circuit	Detection of serial communication error between MAIN DRIVE PWB and RECEIVER PWB. IC3701 **[MAIN DRIVE PWB]**	2	----------	0.5 sec interval
Fan lock (stop)	Detection of LOCK signals outputting the operation (circuit) status of the cooling fan. (H=Abnormal) IC8005 **[FAN CONTROL PWB]**	1	0.5 sec interval Alternately	
Abnormal D-ILA DEVICE temperature	Detection of abnormal inner cabinet temperature. (53°C) IC2001 **[TEMP. SENSOR PWB]**	1	0.5 sec interval Alternately	

EXPLANATION ON ACTION

If NG is detected on an item being diagnosed, turn off the power on this unit. As soon as the power goes off, turn on and off POWER LED and LAMP LED immediately. After the power is shut down, it becomes impossible to turn on the power until the power cable is either plugged in or unplugged from the AC outlet.

- When [1] and [3] take place at the same time, give priority to [1], and [2] will not take place simultaneously with [1] and [3].

JVC

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(No.YA336)

Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS	
CR	Carbon Resistor
FR	Fusible Resistor
PR	Plate Resistor
VR	Variable Resistor
HV R	High Voltage Resistor
MF R	Metal Film Resistor
MG R	Metal Glazed Resistor
MP R	Metal Plate Resistor
OM R	Metal Oxide Film Resistor
CMF R	Coating Metal Film Resistor
UNF R	Non-Flammable Resistor
CH V R	Chip Variable Resistor
CH MG R	Chip Metal Glazed Resistor
COMP. R	Composition Resistor
LPTC R	Linear Positive Temperature Coefficient Resistor

CAPACITORS	
C CAP.	Ceramic Capacitor
E CAP.	Electrolytic Capacitor
M CAP.	Mylar Capacitor
CH CAP.	Chip Capacitor
HV CAP.	High Voltage Capacitor
MF CAP.	Metalized Film Capacitor
MM CAP.	Metalized Mylar Capacitor
MP CAP.	Metalized Polystyrol Capacitor
PP CAP.	Polypropylene Capacitor
PS CAP.	Polystyrol Capacitor
TF CAP.	Thin Film Capacitor
MPP CAP.	Metalized Polypropylene Capacitor
TAN. CAP.	Tantalum Capacitor
CH C CAP.	Chip Ceramic Capacitor
BP E CAP.	Bi-Polar Electrolytic Capacitor
CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

USING P.W. BOARD & REMOTE CONTROL UNIT 3-3
EXPLODED VIEW PARTS LIST -1 [HD-52G456, HD-55G456, HD-55G466] 3-4
EXPLODED VIEW -1 [HD-52G456, HD-55G456, HD-55G466] 3-5
EXPLODED VIEW PARTS LIST -2 [HD-52G456, HD-55G456, HD-55G466] 3-6
EXPLODED VIEW -2 [HD-52G456, HD-55G456, HD-55G466] 3-7
EXPLODED VIEW PARTS LIST -3 [HD-61Z456] 3-8
EXPLODED VIEW -3 [HD-61Z456] 3-9
EXPLODED VIEW PARTS LIST -4 [HD-61Z456] 3-10
EXPLODED VIEW -4 [HD-61Z456] 3-11
EXPLODED VIEW PARTS LIST -5 3-12
EXPLODED VIEW -5 3-13
EXPLODED VIEW PARTS LIST -6 3-14
EXPLODED VIEW -6 3-15

PRINTED WIRING BOARD PARTS LIST [HD-52G456] 3-16
ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2) 3-16
REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2) 3-18
MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2) 3-19
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2) 3-23
FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2) 3-23
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2) 3-24
SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2) 3-24
POWER P.W. BOARD ASS'Y (SRP-9025A-M2) 3-24
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D034A-M2) 3-25
REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2) 3-31
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) 3-31
FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) 3-32
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) 3-32
RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2) 3-32
DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2) 3-33

PRINTED WIRING BOARD PARTS LIST [HD-55G456] 3-34
ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2) 3-34
REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2) 3-34
MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2) 3-34
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2) 3-34
FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2) 3-34
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2) 3-34
SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2) 3-34
POWER P.W. BOARD ASS'Y (SRP-9025A-M2) 3-34
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D033A-M2) 3-34
REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2) 3-40
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) 3-40
FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) 3-40
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) 3-40
RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2) 3-40
DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2) 3-40

PRINTED WIRING BOARD PARTS LIST [HD-55G466] 3-41
ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2) 3-41
REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2) 3-41
MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2) 3-41
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2) 3-41
FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2) 3-41
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2) 3-41
SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2) 3-41
POWER P.W. BOARD ASS'Y (SRP-9025A-M2) 3-41
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D045A-M2) 3-41
REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2) 3-47
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) 3-47
FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) 3-47
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) 3-47
RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2) 3-47
DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2) 3-47

PRINTED WIRING BOARD PARTS LIST [HD-61Z456] 3-48
ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2) 3-48
REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2) 3-48
MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2) 3-48
REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2) 3-48
FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2) 3-48
TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2) 3-48
SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2) 3-48
POWER P.W. BOARD ASS'Y (SRP-9025A-M2) 3-48
DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D032A-M2) 3-48
REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2) 3-54
SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) 3-54
FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) 3-54
LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) 3-54
RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2) 3-54
DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2) 3-54
REMOTE CONTROL UNIT PARTS LIST (RM-C18G-1H) 3-54
PACKING 3-55
PACKING PARTS LIST 3-56

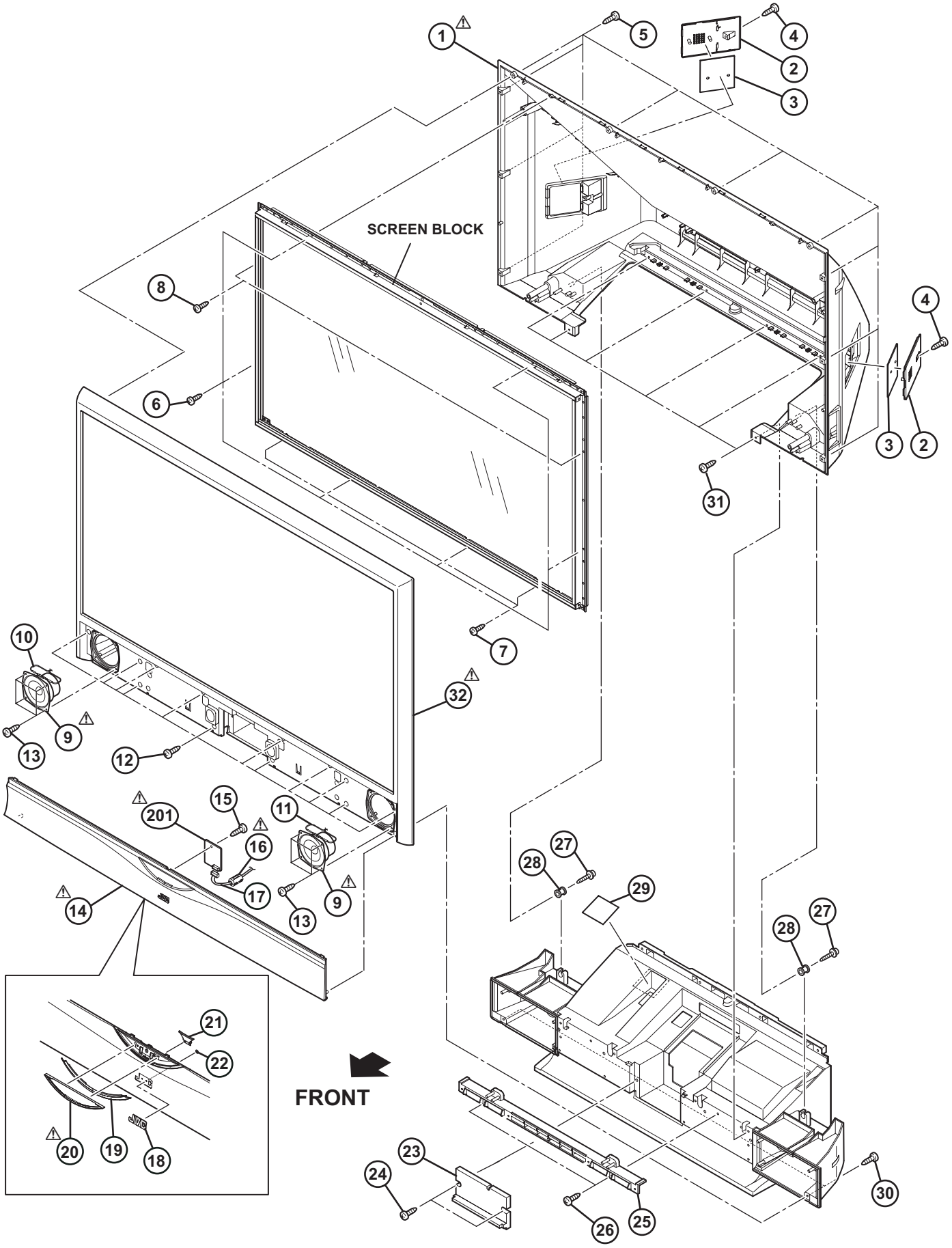
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	P.W.B ASS'Y No.			
	HD-52G456	HD-55G456	HD-55G466	HD-61Z456
ANALOG SIGNAL P.W.B	SRP-1025A-M2	←	←	←
REGULATOR P.W.B	SRP-2025A-M2	←	←	←
MAIN DRIVE P.W.B	SRP-3013A-M2	←	←	←
REMOTE SENSOR P.W.B	SRP-8005A-M2	←	←	←
FAN CONTROL P.W.B	SRP-8109A-M2	←	←	←
TEMP SENSOR P.W.B	SRP-8209A-M2	←	←	←
SD CARD P.W.B	SRP-8513A-M2	←	←	←
POWER P.W.B	SRP-9025A-M2	←	←	←
DIGITAL SIGNAL P.W.B	SRP0D034A-M2	SRP0D033A-M2	SRP0D045A-M2	SRP0D032A-M2
REAR JACK P.W.B	SRP0J024A-M2	←	←	←
SIDE CONTROL P.W.B	SRP0L021A-M2	←	←	←
FRONT LED P.W.B	SRP0L121A-M2	←	←	←
LAMP COVER SW P.W.B	SRP0L205A-M2	←	←	←
RECEIVER P.W.B	SRP0R024A-M2	←	←	←
DIGITAL TUNER MODULE P.W.B	SSD-2202A-M2	←	←	←
REMOTE CONTROL UNIT	RM-C18G-1H	←	←	←

EXPLODED VIEW PARTS LIST -1
[HD-52G456, HD-55G456, HD-55G466]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC12260-001B-A	BACK COVER		HD-52G456
⚠	1	LC12339-001C-A	BACK COVER		HD-55G456,HD-55G466
	2	LC21888-001B-A	FILTER COVER	(x2)	
	3	LC33158-001A-A	FILTER	(x2)	
	4	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	5	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x10)	
	6	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x6)	
	7	QYSBSFG4012ZA	TAP SCREW	(x2)	HD-52G456
	8	QYSBSFG4012ZA	TAP SCREW	(x2)	HD-55G456,HD-55G466
⚠	9	QAS0369-001	SPEAKER	SP01/SP02(x2)	
	10	WJJ0487-001A-E	E-SI C WIRE C-C	LEFT	
	11	WJJ0487-002A-E	E-SI C WIRE C-C	RIGHT	
	12	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x12)	
	13	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x8)	
⚠	14	LC12261-001B-A	SPEAKER GRILL		HD-52G456
⚠	14	LC12311-001B-A	SPEAKER GRILL		HD-55G456
⚠	14	LC12311-002B-A	SPEAKER GRILL		HD-55G466
	15	QYSBSFG3008ZA	TAP SCREW	M3 x 8mm	
⚠	16	QQR0490-001	NOISE FILTER		
	17	WJJ0486-001A-E	E-SI C WIRE C-C		
	18	LC32707-002A-C	JVC MARK		HD-52G456,HD-55G456
	18	LC32707-001A-C	JVC MARK		HD-55G466
	19	LC21876-002A-A	INDICATE WINDOW		HD-52G456,HD-55G456
	19	LC21876-001A-A	INDICATE WINDOW		HD-55G466
⚠	20	LC33145-004A-0K	POWER KNOB ASSY		
	21	LC33148-001B-A	LED LENS		
	22	QYNSS2000P	PUSH NUT	M2	
	23	LC21590-001C-A	CENTER COVER		
	24	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	25	LC12303-001B-A	SUPPORT HOLDER		
	26	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	27	LC40506-003A-A	TAPPING SCREW	(x2)	
	28	LC40226-005A-H	SPACER	(x2)	
	29	LC33223-001A-A	LIGHT PROTECTOR		
	30	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	31	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x6)	
⚠	32	LC12262-003A-A	FRONT PANEL		HD-52G456
⚠	32	LC12338-004A-A	FRONT PANEL		HD-55G456
⚠	32	LC12338-010A-A	FRONT PANEL		HD-55G466
⚠	201	SRP0L121A-M2	FRONT LED PWB		

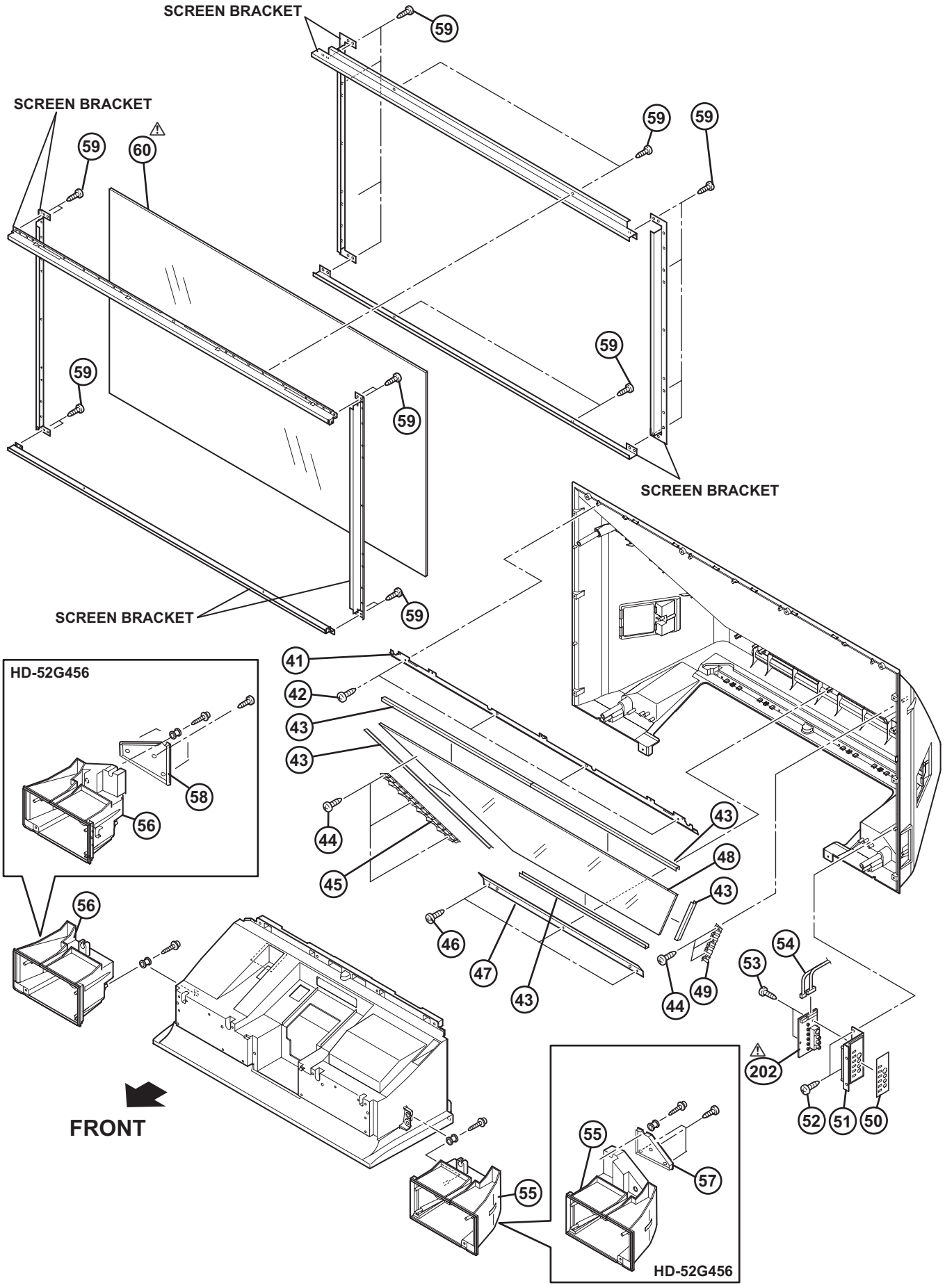
EXPLODED VIEW -1 [HD-52G456, HD-55G456, HD-55G466]



EXPLODED VIEW PARTS LIST -2
[HD-52G456, HD-55G456, HD-55G466]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	41	LC12362-001A-A	MIRROR HOLDER	TOP	HD-52G456
	41	LC12370-001A-A	MIRROR HOLDER	TOP	HD-55G456,HD-55G466
	42	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x4)	
	43	LC21931-001A-A	SPONGE SPACER	(x5)	HD-52G456
	43	LC21931-002A-A	SPONGE SPACER	(x5)	HD-55G456,HD-55G466
	44	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x6)	
	45	LC21538-001A-A	MIRROR HOLDER	RIGHT	
	46	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x3)	
	47	LC12371-001A-A	MIRROR HOLDER	BOTTOM	
	48	LC33055-003A	52" GLASS MIRROR		HD-52G456
	48	LC33055-004A	56" GLASS MIRROR		HD-55G456,HD-55G466
	49	LC21538-002A-A	MIRROR HOLDER	LEFT	
	50	LC33046-001A-A	SIDE CONTROL SHEET		
	51	LC21805-001A-A	SIDE CONTROL BASE		
	52	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	53	QYSBSFG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	54	WJZ0151-001A-E	E-HARNESS ASSY		
	55	LC12305-001A-A	SPEAKER BOX	RIGHT	HD-52G456
	55	LC12312-001A-A	SPEAKER BOX	RIGHT	HD-55G456,HD-55G466
	56	LC12305-002A-A	SPEAKER BOX	LEFT	HD-52G456
	56	LC12312-002A-A	SPEAKER BOX	LEFT	HD-55G456,HD-55G466
	57	LC12306-001A-A	SPEAKER BOX COVER	RIGHT	HD-52G456
	58	LC12306-002A-A	SPEAKER BOX COVER	LEFT	HD-52G456
	59	QYSBSG4008ZA	TAP SCREW	M4 x 8mm(x20)	
⚠	60	52SC-005A-M2	SCREEN ASSY		HD-52G456
⚠	60	55ILASC01AM2	SCREEN ASSY		HD-55G456,HD-55G466
⚠	202	SRP0L021A-M2	SIDE CONTROL PWB		

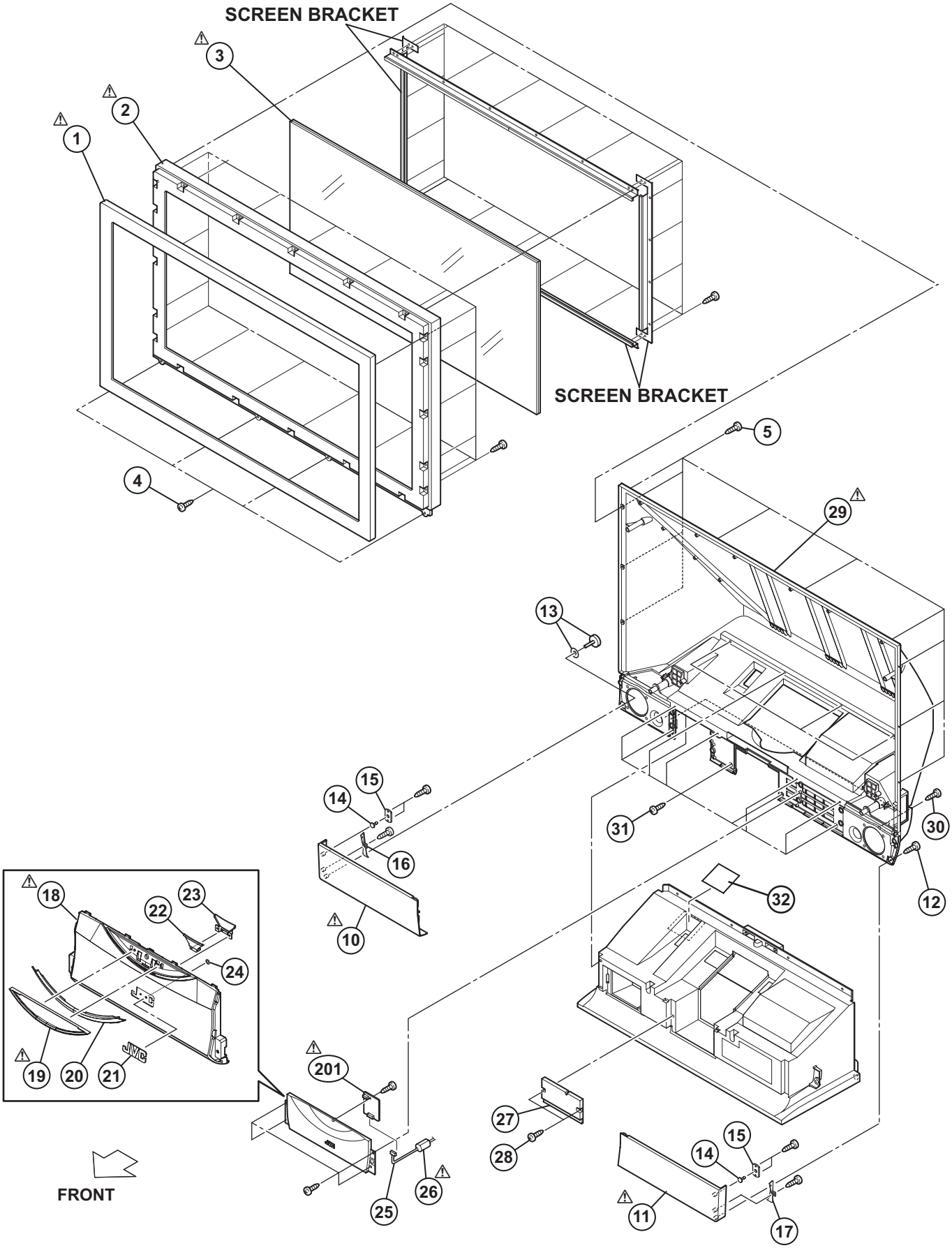
EXPLODED VIEW -2 [HD-52G456, HD-55G456, HD-55G466]



EXPLODED VIEW PARTS LIST -3 [HD-61Z456]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC11915-005A-A	FRONT PANEL		
⚠	2	LC11914-003A-A	FRONT CABINET		
⚠	3	61SC-003A-M2	SCREEN ASSY		
	4	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	5	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x10)	
⚠	10	LC12174-005B-A	SPEAKER GRILL	LEFT	
⚠	11	LC12174-006B-A	SPEAKER GRILL	RIGHT	
	12	QYSBSFG4016MA	TAP SCREW	M4 x 16mm	
	13	LC33041-002A-A	KNOB SCREW		
	14	LC32692-001A-A	STRIKER	(x2)	
	15	LC32692-002A-A	STRIKER	(x2)	
	16	LC33054-001A-A	GRILL COVER	LEFT	
	17	LC33054-002A-A	GRILL COVER	RIGHT	
⚠	18	LC12175-001D-A	CENTER PANEL		
⚠	19	LC33145-004A-0K	POWER KNOB ASSY		
	20	LC21801-001A-A	ORNAMENT LENS		
	21	LC32707-002A-C	JVC MARK		
	22	LC33048-001B-A	LED LENS		
	23	LC33066-001A-A	LENS HOLDER		
	24	QYNSS2000P	PUSH NUT	M2	
	25	WJJ0486-001A-E	E-SI C WIRE C-C		
⚠	26	QQR0490-001	NOISE FILTER	(x2)	
	27	LC21590-001C-A	CENTER COVER		
	28	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
⚠	29	LC11916-001G-A	BACK COVER		
	30	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	31	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x13)	
	32	LC33223-001A-A	LIGHT PROTECTOR		
⚠	201	SRP0L121A-M2	FRONT LED PWB		

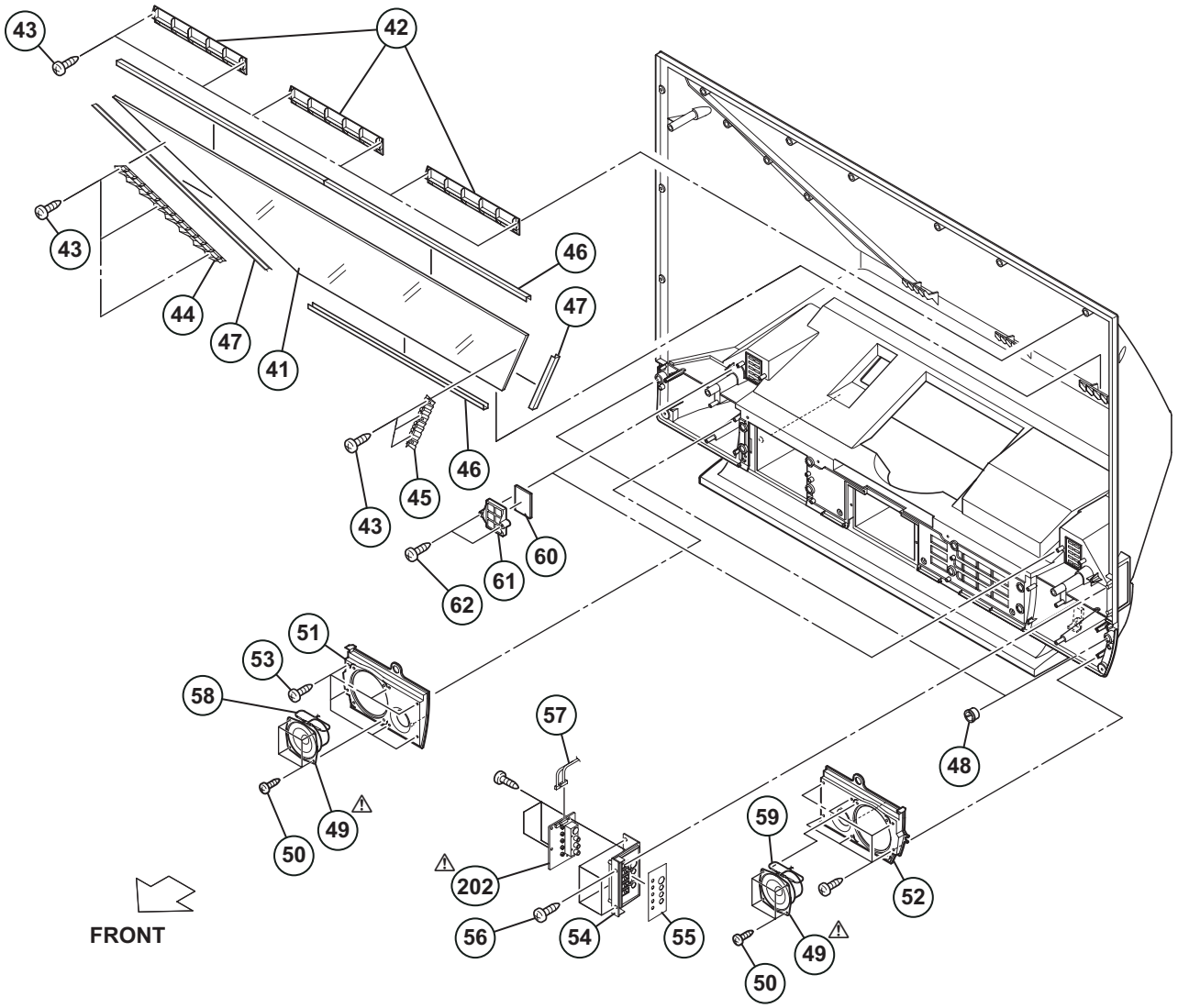
EXPLODED VIEW -3 [HD-61Z456]



EXPLODED VIEW PARTS LIST -4 [HD-61Z456]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	41	LC33055-002B	61" GLASS MIRROR		
	42	LC21537-001A-A	MIRROR HOLDER	(x3)	
	43	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x12)	
	44	LC21538-001A-A	MIRROR HOLDER	LEFT	
	45	LC21538-002A-A	MIRROR HOLDER	RIGHT	
	46	LC32447-055A-A	STICK SHEET	(x3)	
	47	LC32447-055A-A	STICK SHEET	(x2)	
	48	LC32810-001A-A	CATCHER	(x2)	
⚠	49	QAS0369-001	SPEAKER	SP01/SP02(x2)	
	50	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x8)	
	51	LC11950-001B-A	SPEAKER PLATE		
	52	LC11950-002B-A	SPEAKER PLATE		
	53	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x12)	
	54	LC21805-001A-A	SIDE CONTROL BASE		
	55	LC33046-001A-A	SIDE CONTROL SHEET		
	56	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	57	WJZ0151-001A-E	E-HARNESS ASSY		
	58	WJJ0487-001A-E	E-SI C WIRE C-C	LEFT	
	59	WJJ0487-002A-E	E-SI C WIRE C-C	RIGHT	
	60	LC32621-001A-A	BACK COVER FILTER	(x2)	
	61	LC21539-001A-A	FILTER COVER	(x2)	
	62	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
⚠	202	SRP0L021A-M2	SIDE CONTROL PWB		

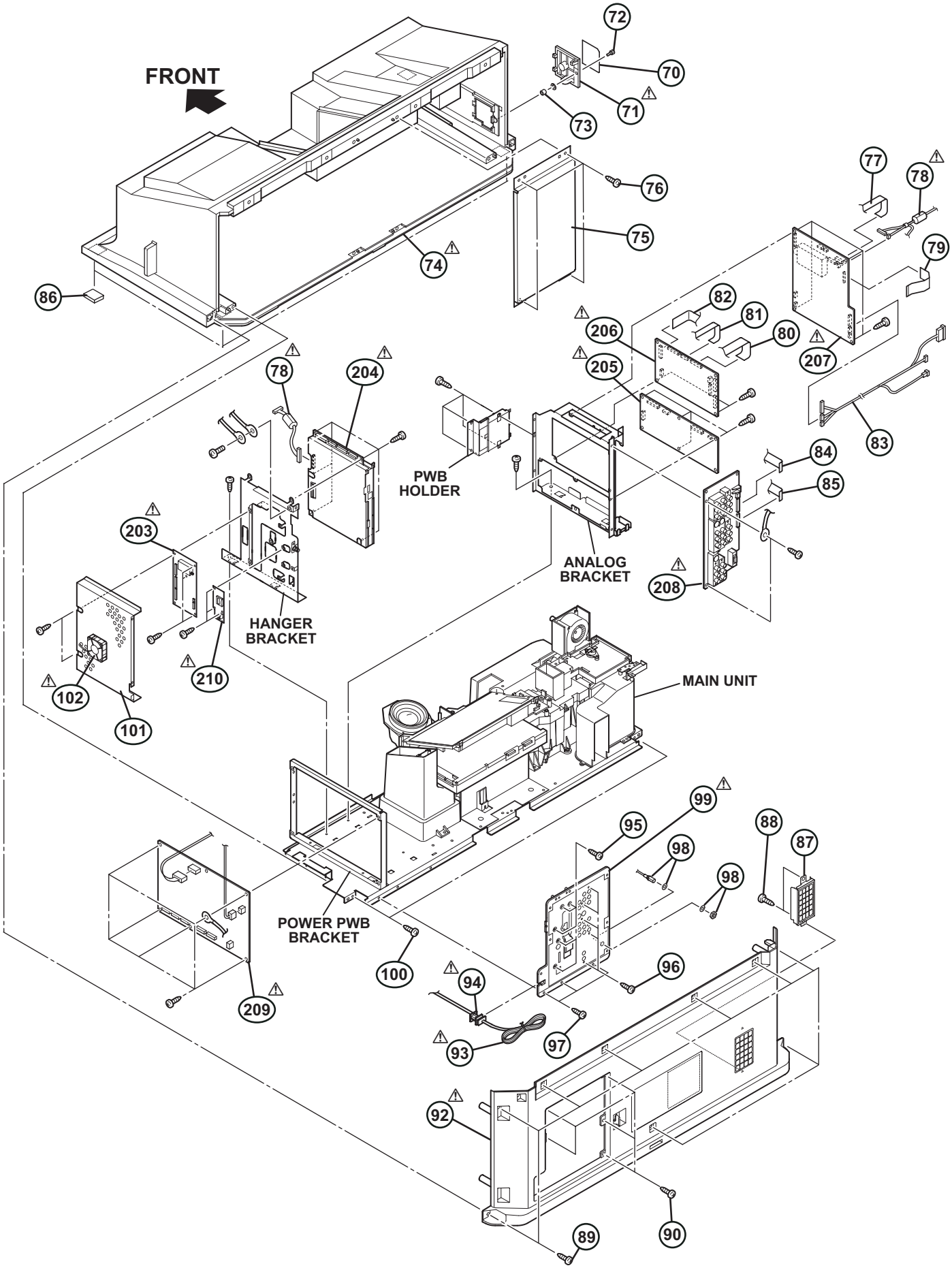
EXPLODED VIEW -4 [HD-61Z456]



EXPLODED VIEW PARTS LIST -5

⚠	Ref.No.	Part No.	Part Name	Description	Local
	70	LC33208-001A-A	WARNING SHEET		
⚠	71	LC12307-001A-A	LAMP COVER		
	72	LC33041-002A-A	ASSY SCREW		
	73	LC42276-001A-A	INSERT NUT		
⚠	74	LC12263-001E-A	MAIN BODY		HD-52G456
⚠	74	LC12263-001F-A	MAIN BODY		HD-55G456,HD-55G466,HD-61Z456
	75	LC11943-001B-A	BODY BRACKET		
	76	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	77	QUQ105-3015AE-E	FFC WIRE	30pin 15cm	
⚠	78	QQR0491-001	FERRITE CORE	(x2)	
	79	QUQ105-4013AE-E	FFC WIRE	40pin 13cm	
	80	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	81	QUQ105-3015AE-E	FFC WIRE	30pin 15cm	
	82	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	83	WJZ0176-001A-E	E-HARNESS ASSY		
	84	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	85	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	86	LC33206-001A-A	FOOT	(x4)	HD-55G456
	87	LC21690-002A-A	LAMP DUCT BRACKET		
	88	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	89	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x11)	HD-52G456,HD-55G456,HD-55G466
	89	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x9)	HD-61Z456
	90	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x5)	
⚠	92	LC12259-001C-A	BODY COVER		
⚠	93	QMPD290-200-JC	POWER CORD(US/CA)	2m BLACK	
⚠	94	LC20106-001D-A	POWER CORD CLAMP		
	95	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x5)	
	96	QYSBSF3012MA	TAP SCREW	M3 x 12mm(x5)	HD-52G456,HD-55G456,HD-55G466
	96	QYSBSFG4012M	TAP SCREW	M4 x 12mm(x5)	HD-61Z456
	97	QYSBSG4008ZA	TAP SCREW	M4 x 8mm(x3)	
	98	QAM0493-001	F CABLE		
⚠	99	LC21974-001A-A	AV TERMINAL BOARD		
	100	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	101	LC12493-001A-A	SHIELD COVER		
⚠	102	QAR0370-004	FAN MOTOR		
⚠	203	SSD-2202A-M2	DIGITAL TUNER MODULE PWB		
⚠	204	SRP0D034A-M2	DIGITAL SIGNAL PWB		HD-52G456
⚠	204	SRP0D033A-M2	DIGITAL SIGNAL PWB		HD-55G456
⚠	204	SRP0D045A-M2	DIGITAL SIGNAL PWB		HD-55G466
⚠	204	SRP0D032A-M2	DIGITAL SIGNAL PWB		HD-61Z456
⚠	205	SRP-2025A-M2	REGULATOR PWB		
⚠	206	SRP-1025A-M2	ANALOG SIGNAL PWB		
⚠	207	SRP0R024A-M2	RECEIVER PWB		
⚠	208	SRP0J024A-M2	REAR JACK PWB		
⚠	209	SRP-9025A-M2	POWER PWB		
⚠	210	SRP-8513A-M2	SD CARD PWB		

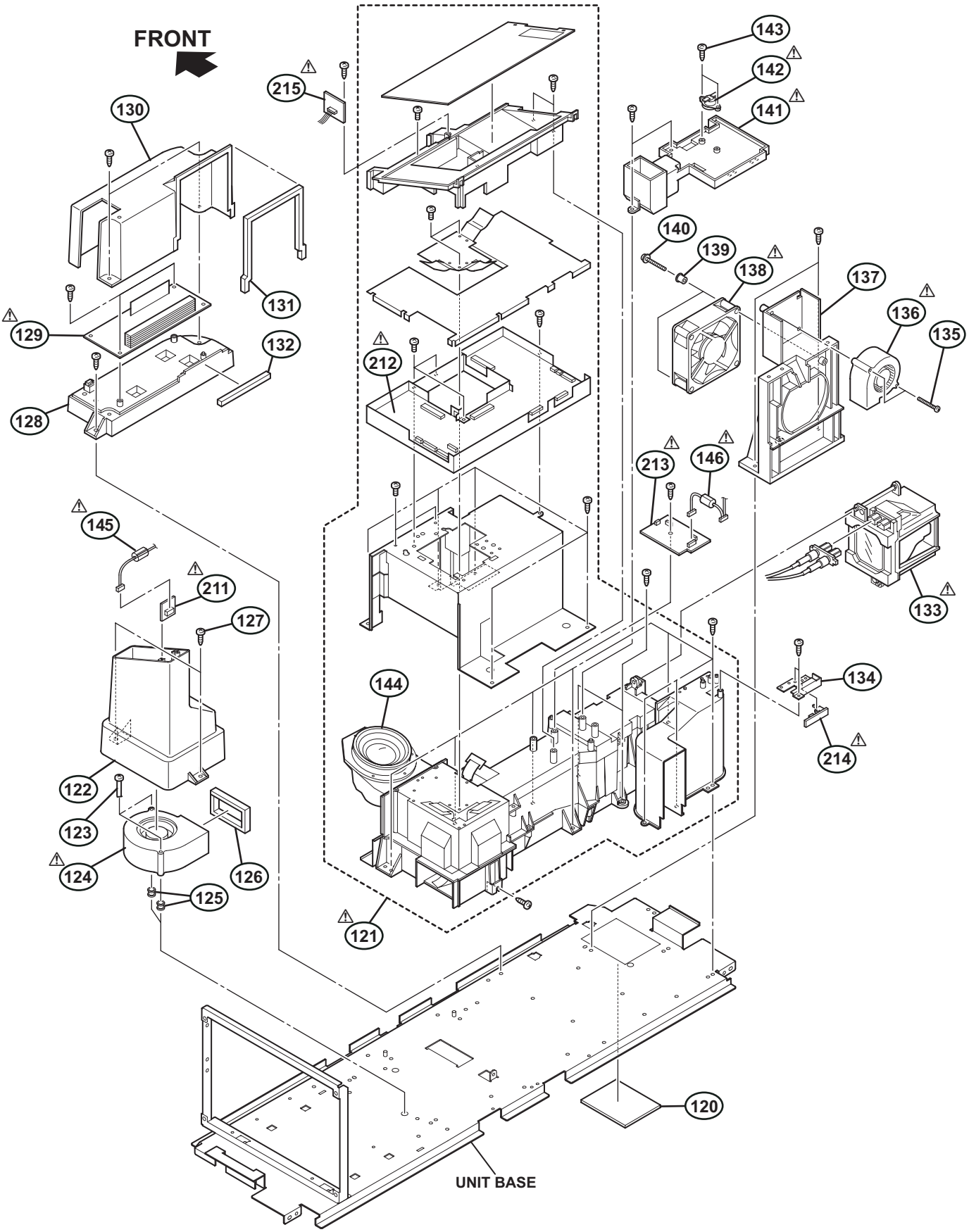
EXPLODED VIEW -5



EXPLODED VIEW PARTS LIST -6

⚠	Ref.No.	Part No.	Part Name	Description	Local
	120	LC33240-001A-A	SPACER		
⚠	121	TS-C0P8A-SAA	OPTICAL/DRIVE ASSY	Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS	
	122	LC12355-001B-A	SIROCCO TOP CASE		
	123	QYSPSPD4045MA	SCREW	M4 x 45mm(x2)	
⚠	124	QAR0368-001	OPTICAL BLOCK COOLING FAN		
	125	LC42034-001A-A	WELL NUT	(x2)	
	126	LC33222-007B-A	SPONGE		
	127	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x2)	
	128	LC12353-001B-A	LAMP BALLAST BRACKET		
⚠	129	QAL0765-001	LAMP BALLAST UNIT		
	130	LC12354-001B-A	LAMP BALLAST DUCT		
	131	LC33222-008A-A	SPONGE		
	132	LC33222-009A-A	SPONGE		
⚠	133	TS-CL110UAA	LAMP UNIT		
	134	LC33160-001A-A	LAMP COVER SW BRACKET		
	135	QYSBSFG4035MA	TAP SCREW	M4 x 35mm(x2)	
⚠	136	QAR0367-001	LAMP COOLING FAN-1		
	137	LC12352-001B-A	COOLING FAN BRACKET		
⚠	138	QAR0354-001	LAMP COOLING FAN-2		
	139	LC42034-001A-A	WELL NUT	(x2)	
	140	QYSPSPD4040MA	SCREW	M4 x 40mm(x2)	HD-55G466
	140	QYSPSPD4040M	SCREW	M4 x 40mm(x2)	HD-52G456,HD-55G456,HD-61Z456
⚠	141	LC12225-001A-A	LAMP FAN DUCT		
⚠	142	QMR0011-001	THERMOSTAT		
	143	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	144	LC12229-001A	PROJECTION LENS		HD-55G456
	144	LC12229-001A	PROJECTION LENS		HD-52G456,HD-55G466,HD-61Z456
⚠	145	QQR0490-001	NOISE FILTER		
⚠	146	QQR0491-001	FERRITE CORE		
⚠	211	SRP-8209A-M2	TEMP SENSOR PWB		
⚠	212	SRP-3013A-M2	MAIN DRIVE PWB		
⚠	213	SRP-8109A-M2	FAN CONTROL PWB		
⚠	214	SRP0L205A-M2	LAMP COVER SW PWB		
⚠	215	SRP-8005A-M2	REMOTE SENSOR PWB		

EXPLODED VIEW -6



PRINTED WIRING BOARD PARTS LIST [HD-52G456]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC604	RC4558D-X	IC		
IC801	TB1274BFG	IC		
IC802	TC90A69AF-X	IC		
IC803	BA50BC0FP-X	IC		
IC902	TA48M033F-X	IC		
Q301	2SC3837K/NP/-X	TRANSISTOR		
Q302	2SC3837K/NP/-X	TRANSISTOR		
Q303	2SC3837K/NP/-X	TRANSISTOR		
Q304	2SC3837K/NP/-X	TRANSISTOR		
Q305	2SC3837K/NP/-X	TRANSISTOR		
Q306	2SC3837K/NP/-X	TRANSISTOR		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK3019-X	MOS FET		
Q403	2SK3019-X	MOS FET		
Q404	2SK3019-X	MOS FET		
Q405	2SK3019-X	MOS FET		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D501	UDZS10B-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	UDZS3.3B-X	Z DIODE		
DB601	1SS355-X	SI DIODE		
DB602	1SS355-X	SI DIODE		
DB605	1SS355-X	SI DIODE		
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEHL1HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C205	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C207	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C317	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C318	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C335	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C336	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C337	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C341	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C342	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C343	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C349	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C354	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C360	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C361	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C362	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C405	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C406	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C501	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C502	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C503	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C801	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C802	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C803	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C828	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C879	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C890	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB401	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
CB501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠Ref No.	Part No.	Part Name	Description Local
CB508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
CB613	NEHL1CM-106X	E CAPACITOR	10uF 16V M
CB614	NEHL1CM-476X	E CAPACITOR	47uF 16V M
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R212	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R304	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R305	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R318	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R319	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R323	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R328	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R337	NDC31HJ-100X	C CAPACITOR	10pF 50V J
R338	NDC31HJ-100X	C CAPACITOR	10pF 50V J
R339	NDC31HJ-100X	C CAPACITOR	10pF 50V J
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R375	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R385	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R395	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R538	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R540	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R632	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R636	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R672	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R674	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
RB625	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L201	NQL914K-101X	COIL	100uH K
L807	NQR0413-003X	FERRITE BEADS	
L808	NQR0413-003X	FERRITE BEADS	
L809	NQR0413-003X	FERRITE BEADS	
L851	NQL092K-6R8X	COIL	6.8uH K
L852	NQL092K-6R8X	COIL	6.8uH K
L853	NQL092K-6R8X	COIL	6.8uH K
L854	NQL092M-270X	CHIP P COIL	27uH M
L855	NQL904J-560X	COIL	56uH J
L861	NQL914K-220X	COIL	22uH K
L862	NQL914K-101X	COIL	100uH K
L863	NQL914K-101X	COIL	100uH K
L864	NQL914K-101X	COIL	100uH K
L865	NQL914K-220X	COIL	22uH K
L866	NQL914K-220X	COIL	22uH K
L867	NQL914K-220X	COIL	22uH K
L901	NQL52EM-220X	COIL	22uH M
L902	NQL52EM-220X	COIL	22uH M
L904	NQL52EM-220X	COIL	22uH M
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)

⚠Ref No.	Part No.	Part Name	Description Local
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
X201	QAX0873-001	C RESONATOR	
X801	NAX0621-001X	CRYSTAL	16.200MHz

REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC2001	PQ120RDA1SZ	IC	
IC2101	PQ1CG2032FZ	IC	
IC2201	PQ1CG2032FZ	IC	
IC2301	MP1580HS-X	IC	
IC2401	MP1580HS-X	IC	
IC2701	M62320FP-X	IC	
IC2901	PQ1CG2032FZ	IC	
IC2902	SI-3011ZF-F3	IC	
Q2801	2SC3928A/QR/-X	TRANSISTOR	
Q2802	2SC3928A/QR/-X	TRANSISTOR	
Q2803	2SC3928A/QR/-X	TRANSISTOR	
Q2804	2SC3928A/QR/-X	TRANSISTOR	
Q2805	2SA1530A/QR/-X	TRANSISTOR	
Q2806	UN2213-X	DIGI TRANSISTOR	
Q2807	UN2213-X	DIGI TRANSISTOR	
D2001	SK14-GA-X	SB DIODE	
D2002	1SS355-X	SI DIODE	
D2102	FSQ05A04	SB DIODE	
D2103	MTZJ11B-T2	Z DIODE	
D2202	FSQ05A04	SB DIODE	
D2203	MTZJ6.8B-T2	Z DIODE	
D2302	EC30HA03L-X	SB DIODE	
D2303	EC30HA03L-X	SB DIODE	
D2304	MTZJ3.9B-T2	Z DIODE	
D2401	1SS355-X	SI DIODE	
D2402	EC30HA03L-X	SB DIODE	
D2403	EC30HA03L-X	SB DIODE	
D2404	MTZJ3.9B-T2	Z DIODE	
D2801	1SS355-X	SI DIODE	
D2802	UDZS5.1B-X	Z DIODE	
D2803	1SS355-X	SI DIODE	
D2804	1SS355-X	SI DIODE	
D2805	1SS355-X	SI DIODE	
D2806	UDZS5.1B-X	Z DIODE	
D2807	1SS355-X	SI DIODE	
D2808	1SS355-X	SI DIODE	
D2809	1SS355-X	SI DIODE	
D2902	FSQ05A04	SB DIODE	
D2903	MTZJ3.9B-T2	Z DIODE	
D2905	UTCTL431-T	IC	
C2001	QETN1EM-107Z	E CAPACITOR	100uF 25V M
C2002	QETN1EM-107Z	E CAPACITOR	100uF 25V M
C2003	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2005	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2006	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2101	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C2102	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C2103	QEHR1CM-108Z	E CAPACITOR	1000uF 16V M
C2106	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2201	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C2202	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C2203	QEHR1AM-228Z	E CAPACITOR	2200uF 10V M
C2206	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2207	QEHR1CM-108Z	E CAPACITOR	1000uF 16V M
C2303	QCZ0397-106Z	C CAPACITOR	10uF 25V M
C2304	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2305	QCZ0396-226Z	C CAPACITOR	22uF 16V M
C2306	QCZ0396-226Z	C CAPACITOR	22uF 16V M
C2307	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2308	NDC31HJ-121X	C CAPACITOR	120pF 50V J
C2309	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2311	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2401	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C2403	QCZ0397-106Z	C CAPACITOR	10uF 25V M
C2404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2405	QCZ0396-226Z	C CAPACITOR	22uF 16V M
C2406	QCZ0396-226Z	C CAPACITOR	22uF 16V M
C2407	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2408	NDC31HJ-121X	C CAPACITOR	120pF 50V J
C2409	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2411	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2701	NCB31CK-105X	C CAPACITOR	1uF 16V K
C2801	NCB31CK-105X	C CAPACITOR	1uF 16V K
C2802	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C2901	QETN1EM-108Z	E CAPACITOR	1000uF 25V M

⚠Ref No.	Part No.	Part Name	Description Local
C2902	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C2903	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M
C2908	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M
C2909	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M
C2910	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C2911	QEHR1CM-108Z	E CAPACITOR	1000uF 16V M
C2914	QFN31HJ-152Z	M CAPACITOR	1500pF 50V J
C2915	QFN31HJ-152Z	M CAPACITOR	1500pF 50V J
C2917	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R2004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2101	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D
R2102	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R2103	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D
R2104	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D
R2107	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J
R2201	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D
R2202	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R2203	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D
R2204	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D
R2205	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J
R2206	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J
R2301	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R2303	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2304	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R2305	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2306	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D
R2307	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R2308	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R2309	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2310	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2401	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R2402	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J
R2403	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2404	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R2405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2406	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D
R2407	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R2408	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R2409	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2410	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2712	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R2802	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R2803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2804	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R2805	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R2806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R2808	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R2809	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R2810	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2811	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R2812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R2813	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R2814	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2815	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R2816	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R2818	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R2819	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2820	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R2821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2901	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2902	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2903	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2904	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2911	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D
R2912	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D
R2913	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D
R2915	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J
R2916	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J
R2917	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J
R2918	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
R2919	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
R2920	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2921	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2922	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2923	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2924	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2925	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2926	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2927	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R2928	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J

⚠Ref No.	Part No.	Part Name	Description	Local
R2929	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W	D
R2930	NRSA63D-113X	MG RESISTOR	11kΩ 1/16W	D
R2933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W	J
L2102	QQR1401-001	CHOKE COIL		
L2202	QQR1401-001	CHOKE COIL		
L2302	QQL28AK-150	COIL	15uH	K
L2402	QQL28AK-150	COIL	15uH	K
L2901	QQR1401-001	CHOKE COIL		

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3001	THC63LVDF84B-W	IC		
IC3101	ASI5100	IC(DILA DRIVER)		
IC3102	K4S161622H-UC60	IC		
IC3103	K4S161622H-UC60	IC		
IC3104	K4S161622H-UC60	IC		
IC3105	K4S161622H-UC60	IC		
IC3161	RC4558D-X	IC		
IC3162	RC4558D-X	IC		
IC3163	RC4558D-X	IC		
IC3201	ASI5100	IC(DILA DRIVER)		
IC3202	K4S161622H-UC60	IC		
IC3203	K4S161622H-UC60	IC		
IC3204	K4S161622H-UC60	IC		
IC3205	K4S161622H-UC60	IC		
IC3206	SN74LVC1G125V-X	IC		
IC3261	RC4558D-X	IC		
IC3262	RC4558D-X	IC		
IC3263	RC4558D-X	IC		
IC3301	ASI5100	IC(DILA DRIVER)		
IC3302	K4S161622H-UC60	IC		
IC3303	K4S161622H-UC60	IC		
IC3304	K4S161622H-UC60	IC		
IC3305	K4S161622H-UC60	IC		
IC3361	RC4558D-X	IC		
IC3362	RC4558D-X	IC		
IC3363	RC4558D-X	IC		
IC3701	AT89C51RD2RLTUM	IC		
IC3743	CD74HC4053PW-X	IC		
IC3746	SN74LVC541APW-X	IC		
IC3801	XC3S4004FTG256C	IC		
IC3802	XCF02SV-52G456	IC		(SERVICE)
IC3803	K4S643232H-UC60	IC		
IC3891	LP3874EMP-ADJ-X	IC		
IC3892	R1170H251B-X	IC		
IC3901	SI-8011NVS-X	IC		
IC3902	PQ1CY1032Z-W	IC		
IC3903	LM2941S-W	IC		
IC3905	BA50BC0FP-X	IC		
IC3906	PQ20WZ11-X	IC		
Q3702	UN2211-X	TRANSISTOR		
Q3901	UPA2751GR-X	POWER MOS FET		
Q3902	UN2211-X	TRANSISTOR		
Q3903	UN2211-X	TRANSISTOR		
Q3904	2SC3928A/QR/-X	TRANSISTOR		
Q3905	UN2211-X	TRANSISTOR		
Q3906	UN2211-X	TRANSISTOR		
Q3907	IMD14-W	TRANSISTOR		
Q3908	CPH3116-X	CHIP TRANSISTOR		
D3161	MA8056/M/-X	Z DIODE		
D3261	MA8056/M/-X	Z DIODE		
D3361	MA8056/M/-X	Z DIODE		
D3701	STZ6.8N-X	Z DIODE		
D3702	STZ6.8N-X	Z DIODE		
D3703	STZ6.8N-X	Z DIODE		
D3704	STZ6.8N-X	Z DIODE		
D3705	STZ6.8N-X	Z DIODE		
D3706	STZ6.8N-X	Z DIODE		
D3707	STZ6.8N-X	Z DIODE		
D3708	STZ6.8N-X	Z DIODE		
D3741	STZ6.8N-X	Z DIODE		
D3742	STZ6.8N-X	Z DIODE		
D3901	MA111-X	SI DIODE		
D3902	EC30HA03L-X	SB DIODE		
D3903	PTZ3.9B-X	Z DIODE		
D3931	EC30HA03L-X	SB DIODE		
D3932	EC30HA03L-X	SB DIODE		
D3933	PTZ6.8B-X	Z DIODE		
D3935	MA8043/L/-X	Z DIODE		
D3936	MA8043/L/-X	Z DIODE		
D3937	MA111-X	SI DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
C3001	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3003	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3007	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3008	NEHL1CM-106X	E CAPACITOR	10uF 16V	M
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3145	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3146	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3147	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3148	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3149	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3150	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3151	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3165	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3166	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3167	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3168	NCB21AK-105X	C CAPACITOR	1uF 10V	K
C3169	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3170	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3171	NEHL1CM-476X	E CAPACITOR	47uF 16V	M
C3172	NEHL1CM-476X	E CAPACITOR	47uF 16V	M
C3191	NEHL1CM-476X	E CAPACITOR	47uF 16V	M
C3192	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3193	NEHL1CM-106X	E CAPACITOR	10uF 16V	M
C3195	NEHL1CM-476X	E CAPACITOR	47uF 16V	M
C3196	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3197	NDC31HJ-102X	C CAPACITOR	1000pF 50V	J
C3198	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3199	NEHL1CM-106X	E CAPACITOR	10uF 16V	M
C3201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3202	NDC31HJ-150X	C CAPACITOR	15pF 50V	J
C3203	NDC31HJ-150X	C CAPACITOR	15pF 50V	J
C3204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3208	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3209	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3211	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3212	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3221	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3223	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3229	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z
C3241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z

⚠Ref No.	Part No.	Part Name	Description Local
C3242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3244	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3250	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3262	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3264	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3265	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3266	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3267	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3268	NCB21AK-105X	C CAPACITOR	1uF 10V K
C3269	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3270	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3271	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3272	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3291	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3293	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3295	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3297	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3298	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3299	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3326	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3327	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3343	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3344	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3345	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3346	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3352	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3362	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3365	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3366	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3367	NCB21AK-105X	C CAPACITOR	1uF 10V K
C3368	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3369	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3370	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3371	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3372	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3391	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3393	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3395	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3396	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3397	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3398	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3399	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3701	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3703	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3704	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3706	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J
C3707	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J
C3708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3709	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3710	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C3711	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C3712	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3713	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3746	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3747	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3748	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3749	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3808	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3822	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3825	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3827	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3829	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3830	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3831	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3838	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3839	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M
C3840	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3841	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3842	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3851	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3852	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3853	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3854	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3861	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3863	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3864	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3865	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3866	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3867	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3868	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3869	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3870	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3872	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3873	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3874	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3881	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3882	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3891	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3893	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3894	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3895	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M
C3896	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3897	NDC31HJ-121X	C CAPACITOR	120pF 50V J
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3913	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M

⚠Ref No.	Part No.	Part Name	Description Local
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3934	NELA1AM-157X	E CAPACITOR	150uF 10V M
C3936	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C3941	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3942	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3951	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3953	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3958	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3960	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3965	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3967	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3969	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3972	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3974	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3975	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
R3001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3007	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R3008	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R3009	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3011	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3012	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3013	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3014	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3103	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3106	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3107	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3121	NQR0271-001X	EMI FILTEROR	
R3122	NQR0271-001X	EMI FILTEROR	
R3123	NQR0271-001X	EMI FILTEROR	
R3124	NQR0271-001X	EMI FILTEROR	
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3131	NQR0271-001X	EMI FILTEROR	
R3132	NQR0271-001X	EMI FILTEROR	
R3133	NQR0271-001X	EMI FILTEROR	
R3134	NQR0271-001X	EMI FILTEROR	
R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3146	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D
R3147	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3168	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3169	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3170	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3171	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3181	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D
R3184	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3185	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3186	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3187	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3188	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3189	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3190	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3192	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3201	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3203	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3206	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3207	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D
R3210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3221	NQR0271-001X	EMI FILTEROR	
R3222	NQR0271-001X	EMI FILTEROR	
R3223	NQR0271-001X	EMI FILTEROR	
R3224	NQR0271-001X	EMI FILTEROR	
R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3231	NQR0271-001X	EMI FILTEROR	
R3232	NQR0271-001X	EMI FILTEROR	
R3233	NQR0271-001X	EMI FILTEROR	
R3234	NQR0271-001X	EMI FILTEROR	
R3237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3242	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3244	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3245	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3246	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D
R3247	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3255	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3256	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3257	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3261	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3262	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3265	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3266	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3267	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3268	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3269	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3270	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3271	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3281	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D
R3284	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3285	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3286	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3287	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3288	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D
R3289	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3290	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3292	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R3296	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3297	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3298	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3299	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R3302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3303	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R3306	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3307	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3311	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3321	NQR0271-001X	EMI FILTEROR		
R3322	NQR0271-001X	EMI FILTEROR		
R3323	NQR0271-001X	EMI FILTEROR		
R3324	NQR0271-001X	EMI FILTEROR		
R3325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3330	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3331	NQR0271-001X	EMI FILTEROR		
R3332	NQR0271-001X	EMI FILTEROR		
R3333	NQR0271-001X	EMI FILTEROR		
R3334	NQR0271-001X	EMI FILTEROR		
R3335	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3344	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3345	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3346	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3347	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3353	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3354	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3362	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3363	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3366	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3367	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3368	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3369	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3370	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3371	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3381	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R3384	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3385	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3386	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3387	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3388	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3389	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3390	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3391	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3392	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3396	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3397	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3398	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3399	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3705	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3706	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3707	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3709	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3710	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3716	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3717	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3719	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3721	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3722	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3723	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3724	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3727	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3730	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3733	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3735	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3736	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3737	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3738	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3741	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3742	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3745	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3747	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3750	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3751	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3752	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3754	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3755	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3756	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3757	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3758	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3759	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3764	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3765	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3768	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3769	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3783	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3798	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3801	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3802	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3803	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3804	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3805	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3806	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3807	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3808	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3809	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3810	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3811	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3812	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3813	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3814	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3815	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3816	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3817	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3818	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3819	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3820	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3827	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3828	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3829	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3830	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3831	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3833	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3835	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3840	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3841	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3846	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3849	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3851	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3852	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3853	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3854	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3855	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3858	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3859	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3860	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R3861	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R3862	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3863	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R3867	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3872	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3881	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3882	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3883	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3884	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3885	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3892	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3896	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3899	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3906	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J	
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3933	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3934	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D	
R3935	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3951	NRSA63D-561X	MG RESISTOR	560Ω 1/16W D	
R3952	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R3953	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3970	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3971	NRSA63D-471X	MG RESISTOR	470Ω 1/16W D	
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R3990	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3991	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3992	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
R3993	NRS12BJ-1R0W	MG RESISTOR	1Ω 1/2W J	
R3995	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3996	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3997	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3998	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L3701	NQL092K-2R2X	COIL	2.2uH K	
L3901	NQLB3EN-100X	COIL	10uH N	
L3902	NQL52EN-4R7X	COIL	4.7uH N	
L3931	NQL63EM-101X	COIL	100uH M	
L3932	NQL52EN-4R7X	COIL	4.7uH N	
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
K3001	NQR0413-003X	FERRITE BEADS		
K3191	NQR0413-003X	FERRITE BEADS		
K3192	NQR0413-003X	FERRITE BEADS		
K3193	NQR0413-003X	FERRITE BEADS		
K3194	NQR0413-003X	FERRITE BEADS		
K3195	NQR0413-003X	FERRITE BEADS		
K3196	NQR0413-003X	FERRITE BEADS		
K3291	NQR0413-003X	FERRITE BEADS		
K3292	NQR0413-003X	FERRITE BEADS		
K3293	NQR0413-003X	FERRITE BEADS		
K3294	NQR0413-003X	FERRITE BEADS		
K3295	NQR0413-003X	FERRITE BEADS		
K3296	NQR0413-003X	FERRITE BEADS		
K3391	NQR0413-003X	FERRITE BEADS		
K3392	NQR0413-003X	FERRITE BEADS		
K3393	NQR0413-003X	FERRITE BEADS		
K3394	NQR0413-003X	FERRITE BEADS		
K3395	NQR0413-003X	FERRITE BEADS		
K3396	NQR0413-003X	FERRITE BEADS		
K3701	NQR0413-003X	FERRITE BEADS		
K3741	NQR0413-003X	FERRITE BEADS		
K3742	NQR0413-003X	FERRITE BEADS		
K3743	NQR0413-003X	FERRITE BEADS		
K3744	NQR0413-003X	FERRITE BEADS		
K3851	NQR0413-003X	FERRITE BEADS		
K3852	NQR0413-003X	FERRITE BEADS		
K3861	NQR0413-003X	FERRITE BEADS		
K3881	NQR0413-003X	FERRITE BEADS		
K3891	NQR0413-003X	FERRITE BEADS		
K3892	NQR0413-003X	FERRITE BEADS		
K3893	NQR0413-003X	FERRITE BEADS		
K3894	NQR0413-003X	FERRITE BEADS		
X3201	NAX0673-001X	CRYSTAL		
X3701	NAX0781-001X	CRYSTAL		
X3881	NAX0587-001X	CXO	54.0000MHz	

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	GP1UM281QK	IR DETECT UNIT	38kHz	
D8001	MA8068-X	Z DIODE		
C8001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8002	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN800R	WJK0174-001A-E	E-SI C WIRE C-B		

FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	LM2941S-W	IC		
IC8002	PQ20WZ11-X	IC		
IC8003	PQ20WZ11-X	IC		
IC8005	SN74HC32NS-X	IC (DIGITAL)		
Q8001	2SC3928A/QR/-X	TRANSISTOR		
Q8004	2SC3928A/QR/-X	TRANSISTOR		
Q8005	2SC3928A/QR/-X	TRANSISTOR		
D8001	STZ6.8N-X	Z DIODE		
D8002	STZ6.8N-X	Z DIODE		
D8003	STZ6.8N-X	Z DIODE		
C8001	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8003	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8004	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8008	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C8009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8010	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8011	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8018	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C8019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8020	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8021	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
R8001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8003	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8004	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8005	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8006	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R8014	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D	
R8015	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8016	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8024	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8025	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8026	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R8031	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8032	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8033	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R8034	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8035	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8036	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R8041	NRZ0040-103X	NET RESISTOR	10kΩ 1/16W J x4	
R8042	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC2001	LM75BIM-5-X	IC	
D2001	STZ6.8N-X	Z DIODE	
C2002	NCB21CK-105X	C CAPACITOR	1uF 16V K
R2001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K2001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J

SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC1001	W81386D-G	IC	
C1001	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C1002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1003	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C1004	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C1005	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C1006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C1007	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1008	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C1009	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C1010	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C1011	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1012	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C1201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R1001	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1003	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1004	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1008	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1012	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1027	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R1201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA1001	NRZ0040-473X	NET RESISTOR	47kΩ 1/16W J x4
RA1002	NRZ0040-473X	NET RESISTOR	47kΩ 1/16W J x4
L1001	NQR0603-002X	EMI FILTER	
CN1101	WJK0214-001A-E	E-SI C WIRE C-B	
J1201	GP1FAV31TK0F	OPT TRANSMITTER	
LC1001	NQR0483-006X	EMI FILTER	
X1001	NAX0763-001X	CRISTAL	

POWER P.W. BOARD ASS'Y (SRP-9025A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC9141	BA50BC0FP-X	IC	
IC9301	BAJ5CC0FP-X	IC	
IC9501	STR-W6754-F5	IC	
Q9021	2SC3928A/QR/-X	TRANSISTOR	
Q9281	2SA1530A/QR/-X	TRANSISTOR	
Q9282	2SC3928A/QR/-X	TRANSISTOR	
Q9283	2SC3928A/QR/-X	TRANSISTOR	
D9021	1SS355-X	SI DIODE	
⚠D9201	GBJ6JU	BRIDGE DIODE	
D9281	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9282	1SS355-X	SI DIODE	
D9301	D1FS4-X	SB DIODE	
D9501	SARS01-T2	SI DIODE	
D9502	SARS01-T2	SI DIODE	
D9503	FR105SGT-T2	SI DIODE	
D9504	FR105SGT-T2	SI DIODE	
D9505	MTZJ33B-T2	Z DIODE	
D9506	FR105SGT-T2	SI DIODE	
D9507	1SS355-X	SI DIODE	
D9510	1SS355-X	SI DIODE	
D9512	FR105SGT-T2	SI DIODE	
D9514	RD12E/B2/-T5	Z DIODE	
D9551	HER202G-FL	SI DIODE	
D9552	HER202G-FL	SI DIODE	
D9553	FCH20A10	SB DIODE	
D9554	FR105SGT-T2	SI DIODE	
D9555	MTZJ15B-T2	Z DIODE	
D9556	MTZJ16C-T2	Z DIODE	
D9557	FR105SGT-T2	SI DIODE	
D9701	UTCTL431-T	IC	
D9801	1N4003SG-T2	SI DIODE	
D9802	1N4003SG-T2	SI DIODE	
D9803	1N4003SG-T2	SI DIODE	
D9804	1N4003SG-T2	SI DIODE	
D9805	1N4003SG-T2	SI DIODE	
D9806	1N4003SG-T2	SI DIODE	
⚠C9001	QFZ9072-105	MM CAPACITOR	1uF AC250V K
⚠C9002	QFZ9072-105	MM CAPACITOR	1uF AC250V K
⚠C9011	QCZ9079-102	C CAPACITOR	1000pF AC250V M
⚠C9013	QCZ9079-102	C CAPACITOR	1000pF AC250V M
⚠C9198	QCZ9079-222	C CAPACITOR	2200pF AC250V M
⚠C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M
⚠C9202	QCZ9078-222	C CAPACITOR	2200pF AC250V M
⚠C9203	QCZ9078-222	C CAPACITOR	2200pF AC250V M
⚠C9204	QCZ9078-222	C CAPACITOR	2200pF AC250V M
C9219	QCZ0122-471	C CAPACITOR	470pF 2kV K
C9281	QETN1HM-476Z	E CAPACITOR	47uF 50V M
C9301	QETN1EM-107Z	E CAPACITOR	100uF 25V M
C9302	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9303	NCF11EZ-105X	C CAPACITOR	1uF 25V Z
C9501	QFP32JK-332	PP CAPACITOR	3300pF 630V K
C9503	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C9504	QETN1VM-476Z	E CAPACITOR	47uF 35V M
C9505	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C9506	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9507	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C9508	QCZ0340-471	C CAPACITOR	470pF 2kV K
C9511	QEHR1HM-107Z	E CAPACITOR	100uF 50V M
C9512	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9555	QECQ1EM-188	E CAPACITOR	1800uF 25V M
C9556	QECQ1EM-188	E CAPACITOR	1800uF 25V M
C9559	QEHR2AM-106Z	E CAPACITOR	10uF 100V M
C9560	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9562	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M
C9563	QETM1HM-108	E CAPACITOR	1000uF 50V M
C9564	QETM1HM-108	E CAPACITOR	1000uF 50V M
C9565	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9566	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9567	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9568	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9569	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9703	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C9801	QETN1CM-228Z	E CAPACITOR	2200uF 16V M
C9802	QEHQ1HM-108	E CAPACITOR	1000uF 50V M
C9803	QEHR1CM-107Z	E CAPACITOR	100uF 16V M
C9804	QEHR1CM-107Z	E CAPACITOR	100uF 16V M
C9805	QEZ0569-827	E CAPACITOR	820uF 200V M
C9806	QEZ0569-827	E CAPACITOR	820uF 200V M
⚠R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K
R9021	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9281	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R9282	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R9283	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9284	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R9285	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R9287	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9288	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R9289	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R9290	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R9301	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J
R9501	QRL039J-104	OMF RESISTOR	100kΩ 3W J
R9502	QRL039J-333	OMF RESISTOR	33kΩ 3W J
R9503	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J
R9504	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J
R9505	QRL039J-220	OMF RESISTOR	22Ω 3W J
⚠R9506	QRZ9017-120	FUSI RESISTOR	12Ω 1/4W J
R9507	NRS12BJ-100W	MG RESISTOR	10Ω 1/2W J
R9508	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J
R9510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9511	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J
R9512	QRX01GJ-R39	MF RESISTOR	0.39Ω 1W J
R9513	QRX01GJ-5R6	MF RESISTOR	5.6Ω 1W J
R9514	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
⚠R9515	QRZ9009-4R7	FUSI RESISTOR	4.7Ω 1/2W J
R9516	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R9551	QRT039J-R47	MF RESISTOR	0.47Ω 3W J
R9552	QRT039J-R47	MF RESISTOR	0.47Ω 3W J
R9554	QRG01GJ-222	OMF RESISTOR	2.2kΩ 1W J
R9559	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
R9701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9705	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R9706	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R9707	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9811	QRF154K-1R0	UNF WW RESISTOR	1Ω 15W K	
R9812	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	
R9815	QRE121J-471Y	C RESISTOR	470Ω 1/2W J	
R9816	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9817	QRG01GJ-470	OMF RESISTOR	47Ω 1W J	
⚠R9991	QRZ9046-685Z	C RESISTOR	6.8MΩ 1/2W K	
L9551	QQL26AM-3R3Z	CHOKE COIL	3.3uH M	
L9552	QQL26AM-3R3Z	CHOKE COIL	3.3uH M	
L9553	QQL26AM-3R3Z	CHOKE COIL	3.3uH M	
⚠T9501	QQS0352-001	SW TRANSF		
⚠T9801	QQT0382-001	POWER TRANSF		
⚠CP9211	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9554	ICP-N50-T	IC PROTECTOR	2.0A	
⚠CP9555	ICP-N50-T	IC PROTECTOR	2.0A	
⚠CP9556	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9557	ICP-N70-T	IC PROTECTOR	2.5A	
⚠F9001	QMF5AD2-6R3-J1	FUSE	6.3A AC250V	
K9501	QQR0621-002Z	FERRITE BEADS		
K9502	QQR0621-002Z	FERRITE BEADS		
K9551	QQR0621-002Z	FERRITE BEADS		
K9552	QQR0621-002Z	FERRITE BEADS		
⚠LF9001	QQR1542-001	LINE FILTER		
⚠LF9003	QQR1467-001	LINE FILTER		
⚠PC9501	PS2581AL1/QW/	PHOTO COUPLER		
⚠RY9021	QSK0163-001	RELAY		
⚠VA9001	QAF0028-621	VARISTOR	620V	

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D034A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3008	R1170H331B-X	IC		
IC3191	SN74LVC3G17U-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	K4D263238F-UC50	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV-52G456	IC	(SERVICE)	
IC4004	ATF256-52G4561	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPL	IC(MCU)		
IC7002	ATF256-52G4562	IC	(SERVICE)	
IC7401	S-80928CLNB-G-W	IC		
IC7601	M306V7MG-140FP	IC(MCU)		
IC7602	ATE16-52G456	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK3019-X	MOS FET		
Q1006	2SK3019-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	TRANSISTOR		
D1001	1SS355-X	SI DIODE		
D1002	1SS355-X	SI DIODE		
D7001	1SS355-X	SI DIODE		
D7003	1SS355-X	SI DIODE		
D7005	UDZS8.2B-X	Z DIODE		
D7006	UDZS8.2B-X	Z DIODE		
D7007	UDZS8.2B-X	Z DIODE		
D7008	UDZS8.2B-X	Z DIODE		
D7009	UDZS8.2B-X	Z DIODE		
D7203	1SS355-X	SI DIODE		
D7204	1SS355-X	SI DIODE		
D7601	1SS355-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0119	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0219	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0516	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0520	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1002	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1004	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1013	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1014	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1015	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1018	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1029	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1031	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1032	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1033	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1039	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1040	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1043	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1081	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1082	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1083	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1084	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1085	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1086	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1087	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1549	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3109	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3191	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3525	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3526	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description Local
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4920	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4926	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C4932	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4933	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4935	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4956	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4957	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4958	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4959	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4961	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4966	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4976	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4977	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4979	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4980	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4981	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4984	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4986	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4987	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4989	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4990	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4992	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4994	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7204	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C7403	NCB31CK-102X	C CAPACITOR	1000pF 16V K
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C9001	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9002	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9003	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9101	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9201	NEAF1CM-107X	E CAPACITOR	100uF 16V M
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2027	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D

⚠Ref No.	Part No.	Part Name	Description Local
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3193	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6035	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7151	NCB31HK-102X	C CAPACITOR	1000pF 50V K

⚠Ref No.	Part No.	Part Name	Description Local
R7152	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7170	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0101	NQL953J-R68X	COIL	0.68uH J
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0201	NQL953J-R68X	COIL	0.68uH J
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0301	NQL953J-R68X	COIL	0.68uH J
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1001	NQR0489-002X	FERRITE BEADS	
L1002	NQR0489-002X	FERRITE BEADS	
L1003	NQL092K-1R5X	COIL	1.5uH K
L1004	NQR0489-002X	FERRITE BEADS	
L1005	NQR0489-002X	FERRITE BEADS	
L1006	NQR0489-002X	FERRITE BEADS	
L1008	NQL79GM-220X	COIL	22uH M
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1011	NQL79GM-470X	COIL	47uH M
L1101	NQL953J-6R8X	COIL	6.8uH J
L1102	NQR0489-002X	FERRITE BEADS	
L1103	NQL953J-1R0X	COIL	1uH J
L1104	NQL953J-R10X	COIL	0.1uH J
L1201	NQL953J-6R8X	COIL	6.8uH J
L1203	NQL953J-1R0X	COIL	1uH J
L1301	NQL953J-3R3X	COIL	3.3uH J
L1303	NQL953J-1R0X	COIL	1uH J
L1304	NQL953J-R10X	COIL	0.1uH J
L1401	NQL953J-3R3X	COIL	3.3uH J
L1403	NQL953J-1R0X	COIL	1uH J
L1404	NQL953J-R10X	COIL	0.1uH J
L1501	NQR0413-003X	FERRITE BEADS	
L3005	NQR0413-003X	FERRITE BEADS	
L3006	NQR0413-003X	FERRITE BEADS	
L3008	NQR0413-003X	FERRITE BEADS	
L3009	NQR0413-003X	FERRITE BEADS	
L3010	NQR0413-003X	FERRITE BEADS	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3012	NQR0413-003X	FERRITE BEADS	
L3501	NQR0413-003X	FERRITE BEADS	
L4001	NQR0413-003X	FERRITE BEADS	
L4002	NQR0413-003X	FERRITE BEADS	
L4003	NQR0413-003X	FERRITE BEADS	
L6501	NQR0351-001X	FERRITE BEADS	
L6508	NQR0504-001X	EMI FILTER	
L6509	NQR0504-001X	EMI FILTER	
L6510	NQR0504-001X	EMI FILTER	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L9201	NQL71EM-150X	COIL	15uH M
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3191	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6006	NQR0146-001X	FERRITE BEADS	
K6007	NQR0146-001X	FERRITE BEADS	
K6008	NQR0146-001X	FERRITE BEADS	
K6009	NQR0146-001X	FERRITE BEADS	
K6010	NQR0146-001X	FERRITE BEADS	
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6019	NQR0146-001X	FERRITE BEADS	

⚠Ref No.	Part No.	Part Name	Description Local
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K9001	NQR0413-003X	FERRITE BEADS	
K9002	NQR0413-003X	FERRITE BEADS	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0501	NQR0498-003X	EMI FITER	
LC0502	NQR0498-003X	EMI FITER	
LC0504	NQR0498-003X	EMI FITER	
LC0506	NQR0498-003X	EMI FITER	
LC0507	NQR0498-003X	EMI FITER	
LC0508	NQR0498-003X	EMI FITER	
LC0512	NQR0498-001X	EMI FILTER	
LC0513	NQR0498-001X	EMI FILTER	
LC0514	NQR0498-003X	EMI FITER	
LC0515	NQR0498-003X	EMI FITER	
LC0516	NQR0604-001X	EMI FILTER	
LC0517	NQR0604-001X	EMI FILTER	
LC0518	NQR0604-001X	EMI FILTER	
LC0519	NQR0604-001X	EMI FILTER	
LC0522	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0523	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0527	NQR0483-005X	EMI FILTER	100uF 25V Z
LC7001	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7002	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7003	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7004	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7007	NQR0479-001X	EMI FILTER	
SL7001	NAX0613-001X	C RESONATOR	
X1001	NAX0660-001X	CRYSTAL	
X3001	NAX0635-001X	CXO	
X3003	NAX0668-001X	CXO	
X4001	NAX0669-001X	CRYSTAL	
X7601	NAX0613-001X	C RESONATOR	

REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC2081	TPS855	PHOTO CONDUCTOR	
D2001	UDZS10B-X	Z DIODE	
D2002	UDZS10B-X	Z DIODE	
D2004	UDZS10B-X	Z DIODE	
D2005	UDZS10B-X	Z DIODE	
D2006	UDZS10B-X	Z DIODE	
D2007	UDZS10B-X	Z DIODE	
D2008	UDZS10B-X	Z DIODE	
D2010	UDZS10B-X	Z DIODE	
D2011	UDZS10B-X	Z DIODE	
D2012	UDZS10B-X	Z DIODE	
D2013	UDZS10B-X	Z DIODE	
D2014	UDZS10B-X	Z DIODE	
D2015	UDZS10B-X	Z DIODE	
D2016	UDZS10B-X	Z DIODE	
D2017	UDZS10B-X	Z DIODE	
D2053	UDZS10B-X	Z DIODE	
D2054	UDZS10B-X	Z DIODE	
D2081	UDZS3.3B-X	Z DIODE	
D2201	UDZS10B-X	Z DIODE	
D2202	UDZS10B-X	Z DIODE	
D2203	UDZS10B-X	Z DIODE	
D2205	UDZS10B-X	Z DIODE	
D2206	UDZS10B-X	Z DIODE	
D2207	UDZS10B-X	Z DIODE	
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2002	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2004	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2005	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2006	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2008	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2010	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2011	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2012	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2013	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C2014	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2015	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2081	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C2082	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C2083	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C2084	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2201	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2202	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2203	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2204	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2205	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2206	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2213	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C2214	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2056	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2057	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2081	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2216	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R2217	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R2218	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R2219	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
J2001	QNZ0802-001	AV JACK	S/V/L/R IN
J2002	QNN0729-001	PIN JACK	COMP IN
J2003	QNN0727-001	PIN JACK	V/L/R IN
J2004	QNN0742-001	PIN JACK	CENTER CH IN/AUDIO IN
J2007	QNN0730-001	PIN JACK	SUB WOOFER OUT/AUDIO OUT

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
C0442	NCB21CK-105X	C CAPACITOR	1uF 16V K
C0443	NCB21CK-105X	C CAPACITOR	1uF 16V K
C0444	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C0446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0447	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R0401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R0402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R0403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R0405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R0406	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0541	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0542	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R0543	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0544	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
J0401	QNZ0438-001	AV JACK	S/V/L/R IN
S0501	QSW0619-003Z	TACT SWITCH	VOL+
S0502	QSW0619-003Z	TACT SWITCH	VOL-
S0503	QSW0619-003Z	TACT SWITCH	MENU
S0504	QSW0619-003Z	TACT SWITCH	CH+
S0505	QSW0619-003Z	TACT SWITCH	CH-
S0506	QSW0619-003Z	TACT SWITCH	INPUT

FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q0701	2SC3928A/QR/-X	TRANSISTOR		
Q0702	2SC3928A/QR/-X	TRANSISTOR		
Q0704	2SC3928A/QR/-X	TRANSISTOR		
Q0705	2SC3928A/QR/-X	TRANSISTOR		
Q0706	2SC3928A/QR/-X	TRANSISTOR		
Q0707	2SC3928A/QR/-X	TRANSISTOR		
D0701	SELU5E20C	LED	POWER	
D0703	MA8068-X	Z DIODE		
D0704	MA8068-X	Z DIODE		
D0705	LE22440	LED	LAMP	
D0706	MA8068-X	Z DIODE		
D0707	MA8068-X	Z DIODE		
C0701	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0702	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0703	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0704	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0705	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0706	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
R0706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0709	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0710	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0711	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R0712	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0713	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0714	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0716	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
S0701	QSW0619-003Z	TACT SWITCH	POWER	

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
CN0CSW	WJK0173-001A-E	E-SI C WIRE C-B		
S0201	QSW1064-001	DETECT SWITCH	LAMP COVER SW	

RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1140	CXA2205Q-X	IC		
IC1621	LM393DR-X	IC		
IC1661	TDA8928ST/N1	IC		
Q1101	2SA1530A/QR/-X	TRANSISTOR		
Q1102	2SC3928A/QR/-X	TRANSISTOR		
Q1252	2SA1530A/QR/-X	TRANSISTOR		
Q1253	2SC3928A/QR/-X	TRANSISTOR		
Q1254	2SA1530A/QR/-X	TRANSISTOR		
Q1255	2SC3928A/QR/-X	TRANSISTOR		
Q1291	2SK1374-X	MOS FET		
Q1292	2SK1374-X	MOS FET		
Q1661	UN2112-X	DIGI TRANSISTOR		
Q1662	2SC3928A/QR/-X	TRANSISTOR		
Q1663	UN2213-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
D1251	UDZS10B-X	Z DIODE		
D1252	UDZS10B-X	Z DIODE		
D1253	1SS355-X	SI DIODE		
D1301	UDZS10B-X	Z DIODE		
D1302	UDZS10B-X	Z DIODE		
D1303	UDZS10B-X	Z DIODE		
D1304	UDZS10B-X	Z DIODE		
D1305	UDZS10B-X	Z DIODE		
D1306	UDZS10B-X	Z DIODE		
D1663	UDZS3.3B-X	Z DIODE		
D1667	1SS355-X	SI DIODE		
D1668	1SS355-X	SI DIODE		
D1669	1SS355-X	SI DIODE		
D1670	1SS355-X	SI DIODE		
D1671	UDZS20B-X	Z DIODE		
D1672	UDZS20B-X	Z DIODE		
D1673	UDZS20B-X	Z DIODE		
D1674	UDZS20B-X	Z DIODE		
C1101	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1140	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1142	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1143	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1144	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1145	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1146	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1147	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1148	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1149	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1150	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1151	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1152	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1153	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C1154	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C1155	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1156	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1157	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1158	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1159	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1160	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1161	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1162	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1163	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C1164	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C1165	NCB11AK-335X	C CAPACITOR	3.3uF 10V K	
C1166	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1167	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1168	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1169	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1170	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1171	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1257	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1258	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1291	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1292	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1293	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1294	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1295	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1301	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1622	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1627	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1633	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1661	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1662	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1663	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1665	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1667	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1673	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1675	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1676	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1677	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1681	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1682	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1683	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1684	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1686	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1698	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	

⚠Ref No.	Part No.	Part Name	Description Local
C1699	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J
R1104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1105	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1107	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1111	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1140	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J
R1141	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1142	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1143	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R1144	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1145	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1146	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1147	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J
R1149	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1151	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J
R1152	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1231	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1261	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1262	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1264	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1266	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1267	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1268	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1269	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1272	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1292	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1295	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1301	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1619	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1622	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J
R1625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1626	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1630	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R1634	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R1664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
⚠R1666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
⚠R1667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
⚠R1668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
⚠R1669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R1670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1688	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1689	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1691	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1692	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1693	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1661	QQL28AK-560	COIL	56uH K
L1662	QQL28AK-560	COIL	56uH K
CN100F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)
CN100T	QGF0508F1-40X	CONNECTOR	FFC/FPC (1-40)
CN10FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)
K1601	QQR0621-002Z	FERRITE BEADS	
K1602	QQR0621-002Z	FERRITE BEADS	
K1603	NQR0413-002X	FERRITE BEADS	
K1604	NQR0413-002X	FERRITE BEADS	
K1605	NQR0413-002X	FERRITE BEADS	
K1606	NQR0413-002X	FERRITE BEADS	

⚠Ref No.	Part No.	Part Name	Description Local
LC1301	QQR1199-002	EMI FILTER	
⚠TU1101	QAU0364-003	TUNER	

DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
⚠MD001	SSD-2202A-M2	DIGITAL TUNER MODULE PWB	

PRINTED WIRING BOARD PARTS LIST [HD-55G456]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2)

REFER TO PARTS LIST IN PAGE 3-18 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9025A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D033A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3008	R1170H331B-X	IC		
IC3191	SN74LVC3G17U-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	K4D263238F-UC50	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV-52G456	IC	(SERVICE)	
IC4004	ATF256-55G4561	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPL	IC(MCU)		
IC7002	ATF256-55G4562	IC	(SERVICE)	
IC7401	S-80928CLNB-G-W	IC		
IC7601	M306V7MG-140FP	IC(MCU)		
IC7602	ATE16-55G456	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9201	MP1580HS-X	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK3019-X	MOS FET		
Q1006	2SK3019-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	TRANSISTOR		
D1001	1SS355-X	SI DIODE		
D1002	1SS355-X	SI DIODE		
D7001	1SS355-X	SI DIODE		
D7003	1SS355-X	SI DIODE		
D7005	UDZS8.2B-X	Z DIODE		
D7006	UDZS8.2B-X	Z DIODE		
D7007	UDZS8.2B-X	Z DIODE		
D7008	UDZS8.2B-X	Z DIODE		
D7009	UDZS8.2B-X	Z DIODE		
D7203	1SS355-X	SI DIODE		
D7204	1SS355-X	SI DIODE		
D7601	1SS355-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF	50V J
C0105	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0107	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0109	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0110	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0111	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0112	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0113	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0114	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0115	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0116	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0117	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C0119	NDC31HJ-470X	C CAPACITOR	47pF	50V J
C0204	NDC31HJ-390X	C CAPACITOR	39pF	50V J
C0205	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0207	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0209	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0210	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0211	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0212	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0213	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0214	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0215	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0217	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C0219	NDC31HJ-470X	C CAPACITOR	47pF	50V J
C0304	NDC31HJ-390X	C CAPACITOR	39pF	50V J
C0305	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0307	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0309	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0310	NCB11AK-106X	C CAPACITOR	10uF	10V K

⚠Ref No.	Part No.	Part Name	Description	Local
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0516	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0520	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1002	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1004	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1013	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1014	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1015	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1018	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1029	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1031	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1032	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1033	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1039	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1040	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1043	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1081	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1082	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1083	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1084	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1085	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1086	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1087	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1549	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3109	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3191	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	

⚠Ref No.	Part No.	Part Name	Description Local
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3525	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3526	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4920	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4926	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C4932	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4933	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4935	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4956	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4957	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4958	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4959	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4961	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4966	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4976	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4977	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4979	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4980	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4981	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4984	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4986	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4987	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4989	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4990	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4992	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4994	NCB31CK-104X	C CAPACITOR	0.1uF 16V K

⚠Ref No.	Part No.	Part Name	Description Local
C6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7204	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C7403	NCB31CK-102X	C CAPACITOR	1000pF 16V K
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C9001	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9002	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9003	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9101	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9201	NEAF1CM-107X	E CAPACITOR	100uF 16V M
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2027	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3193	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6035	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7151	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R7152	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7170	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0101	NQL953J-R68X	COIL	0.68uH J
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0201	NQL953J-R68X	COIL	0.68uH J
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0301	NQL953J-R68X	COIL	0.68uH J
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1001	NQR0489-002X	FERRITE BEADS	
L1002	NQR0489-002X	FERRITE BEADS	
L1003	NQL092K-1R5X	COIL	1.5uH K
L1004	NQR0489-002X	FERRITE BEADS	
L1005	NQR0489-002X	FERRITE BEADS	
L1006	NQR0489-002X	FERRITE BEADS	
L1008	NQL79GM-220X	COIL	22uH M
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1011	NQL79GM-470X	COIL	47uH M
L1101	NQL953J-6R8X	COIL	6.8uH J
L1102	NQR0489-002X	FERRITE BEADS	
L1103	NQL953J-1R0X	COIL	1uH J
L1104	NQL953J-R10X	COIL	0.1uH J
L1201	NQL953J-6R8X	COIL	6.8uH J
L1203	NQL953J-1R0X	COIL	1uH J
L1301	NQL953J-3R3X	COIL	3.3uH J
L1303	NQL953J-1R0X	COIL	1uH J
L1304	NQL953J-R10X	COIL	0.1uH J
L1401	NQL953J-3R3X	COIL	3.3uH J
L1403	NQL953J-1R0X	COIL	1uH J
L1404	NQL953J-R10X	COIL	0.1uH J
L1501	NQR0413-003X	FERRITE BEADS	
L3005	NQR0413-003X	FERRITE BEADS	
L3006	NQR0413-003X	FERRITE BEADS	
L3008	NQR0413-003X	FERRITE BEADS	
L3009	NQR0413-003X	FERRITE BEADS	
L3010	NQR0413-003X	FERRITE BEADS	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3012	NQR0413-003X	FERRITE BEADS	
L3501	NQR0413-003X	FERRITE BEADS	
L4001	NQR0413-003X	FERRITE BEADS	
L4002	NQR0413-003X	FERRITE BEADS	
L4003	NQR0413-003X	FERRITE BEADS	
L6501	NQR0351-001X	FERRITE BEADS	
L6508	NQR0504-001X	EMI FILTER	
L6509	NQR0504-001X	EMI FILTER	
L6510	NQR0504-001X	EMI FILTER	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L9201	NQL71EM-150X	COIL	15uH M
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN

⚠Ref No.	Part No.	Part Name	Description Local
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3191	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6006	NQR0146-001X	FERRITE BEADS	
K6007	NQR0146-001X	FERRITE BEADS	
K6008	NQR0146-001X	FERRITE BEADS	
K6009	NQR0146-001X	FERRITE BEADS	
K6010	NQR0146-001X	FERRITE BEADS	
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6019	NQR0146-001X	FERRITE BEADS	
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K9001	NQR0413-003X	FERRITE BEADS	
K9002	NQR0413-003X	FERRITE BEADS	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0501	NQR0498-003X	EMI FITER	
LC0502	NQR0498-003X	EMI FITER	
LC0504	NQR0498-003X	EMI FITER	
LC0506	NQR0498-003X	EMI FITER	
LC0507	NQR0498-003X	EMI FITER	
LC0508	NQR0498-003X	EMI FITER	
LC0512	NQR0498-001X	EMI FILTER	
LC0513	NQR0498-001X	EMI FILTER	
LC0514	NQR0498-003X	EMI FITER	
LC0515	NQR0498-003X	EMI FITER	
LC0516	NQR0604-001X	EMI FILTER	
LC0517	NQR0604-001X	EMI FILTER	
LC0518	NQR0604-001X	EMI FILTER	
LC0519	NQR0604-001X	EMI FILTER	
LC0522	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0523	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0527	NQR0483-005X	EMI FILTER	100uF 25V Z
LC7001	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7002	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7003	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7004	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7007	NQR0479-001X	EMI FILTER	
SL7001	NAX0613-001X	C RESONATOR	
X1001	NAX0660-001X	CRYSTAL	
X3001	NAX0635-001X	CXO	
X3003	NAX0668-001X	CXO	
X4001	NAX0669-001X	CRYSTAL	
X7601	NAX0613-001X	C RESONATOR	

REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2)

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-55G466]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2)

REFER TO PARTS LIST IN PAGE 3-18 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9025A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D045A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3008	R1170H331B-X	IC		
IC3191	SN74LVC3G17U-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	K4D263238F-UC50	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV-52G456	IC	(SERVICE)	
IC4004	ATF256-55G4561	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPL	IC(MCU)		
IC7002	ATF256-55G4562	IC	(SERVICE)	
IC7401	S-80928CLNB-G-W	IC		
IC7601	M306V7MG-140FP	IC(MCU)		
IC7602	ATE16-55G456	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK3019-X	MOS FET		
Q1006	2SK3019-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	TRANSISTOR		
D1001	1SS355-X	SI DIODE		
D1001	MA111-X	SI DIODE		
D1002	1SS355-X	SI DIODE		
D1002	MA111-X	SI DIODE		
D7001	1SS355-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7003	1SS355-X	SI DIODE		
D7003	MA111-X	SI DIODE		
D7005	UDZS8.2B-X	Z DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	UDZS8.2B-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	UDZS8.2B-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	UDZS8.2B-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	UDZS8.2B-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	1SS355-X	SI DIODE		
D7203	MA111-X	SI DIODE		
D7204	1SS355-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7601	1SS355-X	SI DIODE		
D7601	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0119	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	

⚠Ref No.	Part No.	Part Name	Description Local
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0219	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C0513	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C0514	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C0516	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C0517	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C0518	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0520	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1002	NEAF1CM-107X	E CAPACITOR	100uF 16V M
C1004	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C1012	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1013	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1014	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1015	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K
C1017	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1018	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1023	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1028	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1029	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1031	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1032	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1033	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C1037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1039	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1040	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C1042	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1043	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1046	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C1049	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C1064	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M

⚠Ref No.	Part No.	Part Name	Description Local
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M
C1077	NEAF1CM-107X	E CAPACITOR	100uF 16V M
C1081	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1082	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1083	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1084	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1085	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1086	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1087	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1509	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C1548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1549	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K

⚠Ref No.	Part No.	Part Name	Description Local
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3107	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C3109	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3191	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3525	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3526	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4920	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4926	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C4932	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4933	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4935	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4956	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4957	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4958	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4959	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4961	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4966	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4976	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4977	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4979	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4980	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4981	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4984	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4986	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4987	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4989	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4990	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4992	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4994	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7204	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C7403	NCB31CK-102X	C CAPACITOR	1000pF 16V K
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C9001	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9002	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9003	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9101	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9201	NEAF1CM-107X	E CAPACITOR	100uF 16V M
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2027	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3193	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6035	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description Local
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7151	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R7152	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7170	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0101	NQL953J-R68X	COIL	0.68uH J
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0201	NQL953J-R68X	COIL	0.68uH J
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0301	NQL953J-R68X	COIL	0.68uH J
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1001	NQR0489-002X	FERRITE BEADS	
L1002	NQR0489-002X	FERRITE BEADS	
L1003	NQL092K-1R5X	COIL	1.5uH K
L1004	NQR0489-002X	FERRITE BEADS	
L1005	NQR0489-002X	FERRITE BEADS	
L1006	NQR0489-002X	FERRITE BEADS	
L1008	NQL79GM-220X	COIL	22uH M
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1011	NQL79GM-470X	COIL	47uH M
L1101	NQL953J-6R8X	COIL	6.8uH J
L1102	NQR0489-002X	FERRITE BEADS	
L1103	NQL953J-1R0X	COIL	1uH J
L1104	NQL953J-R10X	COIL	0.1uH J
L1201	NQL953J-6R8X	COIL	6.8uH J
L1203	NQL953J-1R0X	COIL	1uH J
L1301	NQL953J-3R3X	COIL	3.3uH J
L1303	NQL953J-1R0X	COIL	1uH J
L1304	NQL953J-R10X	COIL	0.1uH J
L1401	NQL953J-3R3X	COIL	3.3uH J
L1403	NQL953J-1R0X	COIL	1uH J
L1404	NQL953J-R10X	COIL	0.1uH J
L1501	NQR0413-003X	FERRITE BEADS	
L3005	NQR0413-003X	FERRITE BEADS	
L3006	NQR0413-003X	FERRITE BEADS	
L3008	NQR0413-003X	FERRITE BEADS	
L3009	NQR0413-003X	FERRITE BEADS	
L3010	NQR0413-003X	FERRITE BEADS	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3012	NQR0413-003X	FERRITE BEADS	
L3501	NQR0413-003X	FERRITE BEADS	
L4001	NQR0413-003X	FERRITE BEADS	
L4002	NQR0413-003X	FERRITE BEADS	
L4003	NQR0413-003X	FERRITE BEADS	
L6501	NQR0351-001X	FERRITE BEADS	
L6508	NQR0504-001X	EMI FILTER	
L6509	NQR0504-001X	EMI FILTER	

⚠Ref No.	Part No.	Part Name	Description Local
L6510	NQR0504-001X	EMI FILTER	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L9201	NQL71EM-150X	COIL	15uH M
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3191	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6006	NQR0146-001X	FERRITE BEADS	
K6007	NQR0146-001X	FERRITE BEADS	
K6008	NQR0146-001X	FERRITE BEADS	
K6009	NQR0146-001X	FERRITE BEADS	
K6010	NQR0146-001X	FERRITE BEADS	
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6019	NQR0146-001X	FERRITE BEADS	
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K9001	NQR0413-003X	FERRITE BEADS	
K9002	NQR0413-003X	FERRITE BEADS	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0501	NQR0498-003X	EMI FITER	
LC0502	NQR0498-003X	EMI FITER	
LC0504	NQR0498-003X	EMI FITER	
LC0506	NQR0498-003X	EMI FITER	
LC0507	NQR0498-003X	EMI FITER	
LC0508	NQR0498-003X	EMI FITER	
LC0512	NQR0498-001X	EMI FILTER	
LC0513	NQR0498-001X	EMI FILTER	
LC0514	NQR0498-003X	EMI FITER	
LC0515	NQR0498-003X	EMI FITER	
LC0516	NQR0604-001X	EMI FILTER	
LC0517	NQR0604-001X	EMI FILTER	
LC0518	NQR0604-001X	EMI FILTER	
LC0519	NQR0604-001X	EMI FILTER	
LC0522	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0523	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0527	NQR0483-005X	EMI FILTER	100uF 25V Z
LC7001	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7002	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7003	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7004	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%
LC7007	NQR0479-001X	EMI FILTER	
SL7001	NAX0613-001X	C RESONATOR	
X1001	NAX0660-001X	CRYSTAL	
X1001	NAX0642-001X	CRYSTAL	
X3001	NAX0635-001X	CXO	
X3003	NAX0668-001X	CXO	
X4001	NAX0669-001X	CRYSTAL	
X7601	NAX0613-001X	C RESONATOR	

REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2)

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-61Z456]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1025A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2025A-M2)

REFER TO PARTS LIST IN PAGE 3-18 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3013A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8109A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8209A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SRP-8513A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9025A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D032A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3008	R1170H331B-X	IC		
IC3191	SN74LVC3G17U-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	K4D263238F-UC50	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV-52G456	IC	(SERVICE)	
IC4004	ATF256-61Z4561	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPL	IC(MCU)		
IC7002	ATF256-61Z4562	IC	(SERVICE)	
IC7401	S-80928CLNB-G-W	IC		
IC7601	M306V7MG-140FP	IC(MCU)		
IC7602	ATE16-61Z456	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK3019-X	MOS FET		
Q1006	2SK3019-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	TRANSISTOR		
D1001	1SS355-X	SI DIODE		
D1002	1SS355-X	SI DIODE		
D7001	1SS355-X	SI DIODE		
D7003	1SS355-X	SI DIODE		
D7005	UDZS8.2B-X	Z DIODE		
D7006	UDZS8.2B-X	Z DIODE		
D7007	UDZS8.2B-X	Z DIODE		
D7008	UDZS8.2B-X	Z DIODE		
D7009	UDZS8.2B-X	Z DIODE		
D7203	1SS355-X	SI DIODE		
D7204	1SS355-X	SI DIODE		
D7601	1SS355-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF	50V J
C0105	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0107	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0109	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0110	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0111	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0112	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0113	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0114	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0115	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0116	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0117	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C0119	NDC31HJ-470X	C CAPACITOR	47pF	50V J
C0204	NDC31HJ-390X	C CAPACITOR	39pF	50V J
C0205	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0207	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0209	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0210	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0211	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0212	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0213	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0214	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0215	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0217	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C0219	NDC31HJ-470X	C CAPACITOR	47pF	50V J
C0304	NDC31HJ-390X	C CAPACITOR	39pF	50V J
C0305	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0307	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0309	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0310	NCB11AK-106X	C CAPACITOR	10uF	10V K

⚠Ref No.	Part No.	Part Name	Description	Local
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0516	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0520	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1002	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1004	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1013	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1014	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1015	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1018	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1029	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1031	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1032	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1033	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1039	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1040	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1043	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1081	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1082	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1083	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1084	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1085	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1086	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1087	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1549	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3109	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3191	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	

⚠Ref No.	Part No.	Part Name	Description Local
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3525	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3526	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4920	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4926	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C4932	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4933	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4935	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4956	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4957	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4958	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4959	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4961	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4966	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4976	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4977	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4979	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4980	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4981	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4984	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4986	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4987	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4989	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4990	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4992	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4994	NCB31CK-104X	C CAPACITOR	0.1uF 16V K

⚠Ref No.	Part No.	Part Name	Description Local
C6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7204	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C7403	NCB31CK-102X	C CAPACITOR	1000pF 16V K
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C9001	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9002	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9003	NEAF0GM-227X	E CAPACITOR	220uF 4V M
C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9101	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9201	NEAF1CM-107X	E CAPACITOR	100uF 16V M
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2027	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3112	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description Local
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3193	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6035	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7151	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R7152	NCB31HK-102X	C CAPACITOR	1000pF 50V K
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7170	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0101	NQL953J-R68X	COIL	0.68uH J
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0201	NQL953J-R68X	COIL	0.68uH J
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0301	NQL953J-R68X	COIL	0.68uH J
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1001	NQR0489-002X	FERRITE BEADS	
L1002	NQR0489-002X	FERRITE BEADS	
L1003	NQL092K-1R5X	COIL	1.5uH K
L1004	NQR0489-002X	FERRITE BEADS	
L1005	NQR0489-002X	FERRITE BEADS	
L1006	NQR0489-002X	FERRITE BEADS	
L1008	NQL79GM-220X	COIL	22uH M
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1011	NQL79GM-470X	COIL	47uH M
L1101	NQL953J-6R8X	COIL	6.8uH J
L1102	NQR0489-002X	FERRITE BEADS	
L1103	NQL953J-1R0X	COIL	1uH J
L1104	NQL953J-R10X	COIL	0.1uH J
L1201	NQL953J-6R8X	COIL	6.8uH J
L1203	NQL953J-1R0X	COIL	1uH J
L1301	NQL953J-3R3X	COIL	3.3uH J
L1303	NQL953J-1R0X	COIL	1uH J
L1304	NQL953J-R10X	COIL	0.1uH J
L1401	NQL953J-3R3X	COIL	3.3uH J
L1403	NQL953J-1R0X	COIL	1uH J
L1404	NQL953J-R10X	COIL	0.1uH J
L1501	NQR0413-003X	FERRITE BEADS	
L3005	NQR0413-003X	FERRITE BEADS	
L3006	NQR0413-003X	FERRITE BEADS	
L3008	NQR0413-003X	FERRITE BEADS	
L3009	NQR0413-003X	FERRITE BEADS	
L3010	NQR0413-003X	FERRITE BEADS	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3012	NQR0413-003X	FERRITE BEADS	
L3501	NQR0413-003X	FERRITE BEADS	
L4001	NQR0413-003X	FERRITE BEADS	
L4002	NQR0413-003X	FERRITE BEADS	
L4003	NQR0413-003X	FERRITE BEADS	
L6501	NQR0351-001X	FERRITE BEADS	
L6508	NQR0504-001X	EMI FILTER	
L6509	NQR0504-001X	EMI FILTER	
L6510	NQR0504-001X	EMI FILTER	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L9201	NQL71EM-150X	COIL	15uH M
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN

⚠Ref No.	Part No.	Part Name	Description	Local
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3191	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6006	NQR0146-001X	FERRITE BEADS		
K6007	NQR0146-001X	FERRITE BEADS		
K6008	NQR0146-001X	FERRITE BEADS		
K6009	NQR0146-001X	FERRITE BEADS		
K6010	NQR0146-001X	FERRITE BEADS		
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NQR0146-001X	FERRITE BEADS		
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K9001	NQR0413-003X	FERRITE BEADS		
K9002	NQR0413-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0498-003X	EMI FITER		
LC0502	NQR0498-003X	EMI FITER		
LC0504	NQR0498-003X	EMI FITER		
LC0506	NQR0498-003X	EMI FITER		
LC0507	NQR0498-003X	EMI FITER		
LC0508	NQR0498-003X	EMI FITER		
LC0512	NQR0498-001X	EMI FILTER		
LC0513	NQR0498-001X	EMI FILTER		
LC0514	NQR0498-003X	EMI FITER		
LC0515	NQR0498-003X	EMI FITER		
LC0516	NQR0604-001X	EMI FILTER		
LC0517	NQR0604-001X	EMI FILTER		
LC0518	NQR0604-001X	EMI FILTER		
LC0519	NQR0604-001X	EMI FILTER		
LC0522	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0523	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0527	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7001	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7002	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7003	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7004	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0660-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	CRYSTAL		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J024A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SRP0R024A-M2)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

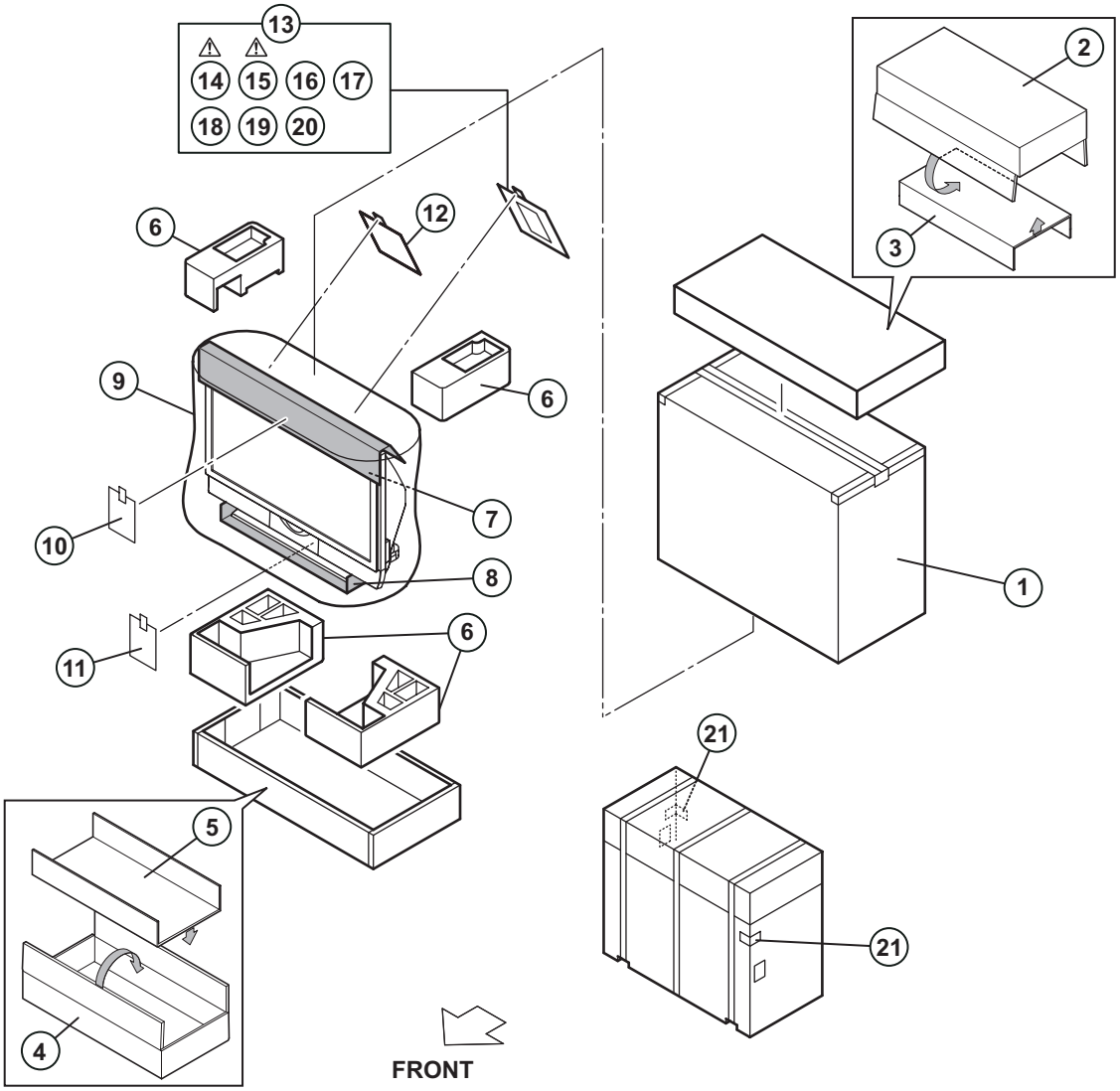
DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2202A-M2)

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C18G-1H)

⚠ Ref.No.	Part No.	Part Name	Description	Local
	UR77EC1403A	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC12022-001C-A	PACKING CASE		HD-52G456
	1	LC12428-002A-A	PACKING CASE		HD-55G456,HD-55G466
	1	LC12022-002C-A	PACKING CASE		HD-61Z456
	2	LC12031-001B-A	TOP CASE		HD-52G456
	2	LC12425-001A-A	PACKING TRAY		HD-55G456,HD-55G466
	2	LC12031-002B-A	TOP CASE		HD-61Z456
	3	LC12060-002B-A	PAD		HD-52G456
	4	LC12023-001B-A	BOTTOM CASE		HD-52G456
	4	LC12425-001A-A	PACKING TRAY		HD-55G456,HD-55G466
	4	LC12023-002B-A	BOTTOM CASE		HD-61Z456
	5	LC12060-001B-A	PAD		HD-52G456
	6	LC12429-001A-A	CUSHION ASSY	4pcs in 1set	HD-52G456
	6	LC12427-001A-A	CUSHION ASSY	4pcs in 1set	HD-55G456,HD-55G466
	6	LC11919-002B-A	CUSHION ASSY	4pcs in 1set	HD-61Z456
	7	CP30055-007-A	TOP COVER	TOP	HD-52G456,HD-55G456
	8	CP30055-A02-A	TOP COVER	BOTTOM	HD-52G456,HD-55G456
	9	LC32833-001A-A	POLY BAG		HD-52G456,HD-55G456
	9	LC22040-001A-A	POLY BAG		HD-55G466
	9	CP30056-011-A	POLY BAG		HD-61Z456
	10	LCT1910-001A-A	INST SHEET		HD-52G456,HD-55G456,HD-55G466
	10	LCT1711-001A-A	INST SHEET		HD-61Z456
	11	LCT1728-001B-A	INST SHEET		
	12	LCT1721-001A-A	INST SHEET		
	13	QPA02503505	POLY BAG	25cm x 35cm(x2)	HD-55G456
	13	QPA02503505	POLY BAG	25cm x 35cm	HD-52G456,HD-55G466,HD-61Z456
⚠	14	LCT1928-001A-A	INST BOOK	English	
⚠	15	LCT1929-001A-A	INST BOOK	French	
	16	----------	BATTERY	R6P/AA(x2)	
	17	RM-C18G-1H	REMOCON UNIT		
	18	BT-51034-2Q	REGIST. CARD		
	19	QAU0382-002	RF SPLITTER		
	20	QAM0523-003	RF CABLE	(x2)	
	21	LC42114-002B-A	CONCEAL LABEL	(x2)	HD-61Z456